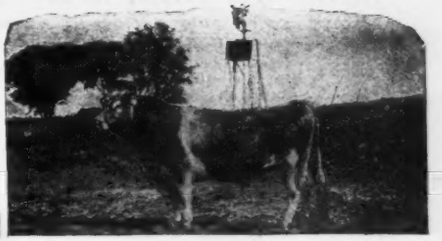
GUERNSEY BREEDERS' JOURNAL

HIGHEST NATURAL COLORED PRODUCTS · BEST FLAVORED PRODUCTS · WINNER PAN AMERICAN DAIRY BREED TEST · CHOICE OF THE PRIVATE DAIRY · MOST ECONOMICAL PRODUCERS

THE GUERNSEY COW WITH POINTS OF MERIT



Issued Monthly by The American Guernsey Cattle Club and Devoted to the Advancement of the Guernsey

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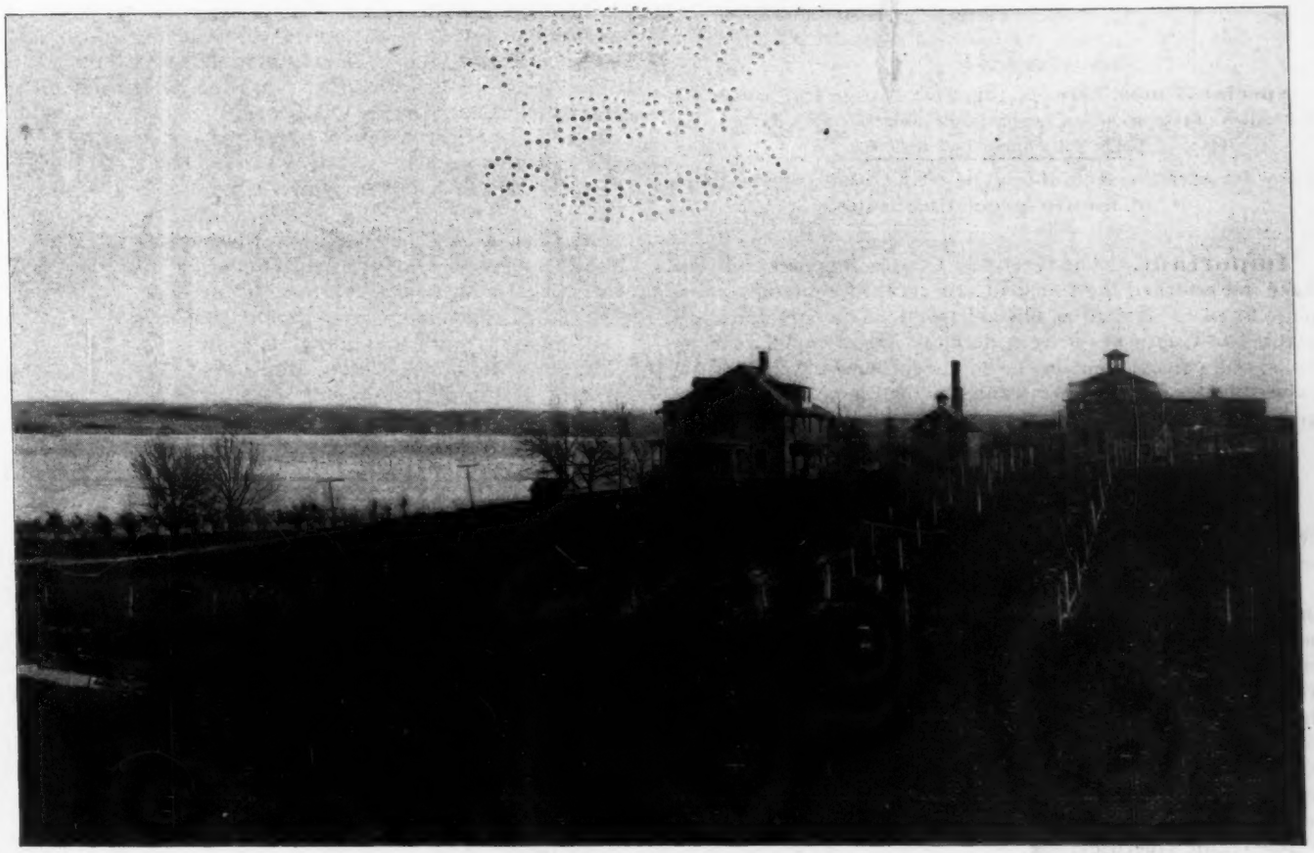

General View Edgewater Farms.

Mr. F. G. Benham, Owner, - - Canandaigua, N. Y.

The Guernsey Breeders' Journal

THE OFFICIAL PUBLICATION OF THE BREED

Published on 10th of Every Month by The American Guernsey Cattle Club.

DESIGNED TO PROMOTE AND ADVANCE THE INTERESTS OF THE GUERNSEY

SUBSCRIPTION, $1.00 A YEAR.

Six Subscriptions for $5.00

Subscription with The Herd Register (2 vols.) Paper Cover,	$4.00
" " " " " (") Half Leather Binding,	5.50
" " Hoard's Dairyman,	1.25
" " Rural New Yorker,	1.50
" " Kimball's Dairy Farmer,	1.10
" " Country Gentleman,	1.60
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ADVERTISING RATE CARD.

Breeders' Cards and Space Advertisements.

RATES. Cards (1-4 column) $25.00 a year.

1-4 page	-	-	$35.00 a year,	$5.00 single insertion.
1-2 "	-		$60.00 "	$10.00 " "
1 "	-		$100.00 "	$15.00 " "
1 "	Back cover		$150.00	

Special 3 mos. rate—¼ page $12; ½ page $25; 1 page $35.
Guernsey Breeders' List (name and address only) $2 per year.
All Cuts furnished at cost.

Copy for advertisements should be in our hands by the **20th of month preceding issue.**

Important. The Guernsey Census Breeders. If you have not returned the Census Card recently sent out, *please do so at once.* If card is mislaid, send us in any form the number of Guernseys in your herd, as—aged bulls, yearling bulls, bull calves; females in milk, yearlings and heifers not calved, heifer calves. We want the census to be complete and wish to publish it next month if possible.

A Happy New Year To The Guernsey.

Such is the spirit reflected in our cover design and it is hoped it permeates the true spirit which underlies the Guernsey cause.

This issue opens the second volume of the Guernsey Breeders Journal. While grateful for the splendid recognition same has received in 1910, we hope for even greater things in 1911. This publication is intended to be a strictly *Guernsey One.* Just to record the merits and doings of the Guernsey.

In addition to the jottings from the Guernsey World, description of some special Guernsey herd, reports of Guernsey meetings, etc., we hope to have some special topic discussed in every issue. Among those now in mind are:

The Grade Guernsey.
Cow Ails, Garget, Abortions, etc.
A barn for the Guernsey.
The yellow color of Guernsey Butter.
The selection and management of the Sire.
The raising of the Heifer.
The feeding of the Guernsey.
The merits of the Guernsey as told by her Breeders.
The work of the Guernsey in the Dairy.

Special articles will be prepared by persons regarded as high in authority, and breeders are urged to help on the cause by contributing their experience.

It is this "working together" that is needed to make the Journal a success.

Membership A. G. C. C.

The following have become members of the Club since the annual meeting in May 1910.

The Lake Breeze Dairy Co., Loraine, Ohio.
Mr. J. H. Wade, Cleveland, Ohio.
Mr. F. S. Pear, Ithaca, N. Y.
Mr. Thomas J. Zoller, Little Falls, N. Y.
Mr. Adnah Myhart, Framingham, Mass.
Mr. Robert S. Brewster, Mount Kisco, N. Y.
Mr. H. K. Wick, Youngstown, Ohio.
Mr. Robert F. Shannon, Servickley. Pa.
Mr. Myron H. Tichenor, Oconomowoc, Wis.
Mr, Bancroft C. Davis, Weston, Mass.
Mr. Samuel P. Blagden, Williamstown, Mass.
Mr. H. Carroll Brown, Brooklandville, Md.
Mr. H. P. Crane, St. Charles, Ill.
Mr. Allan Kelsey, Lakeview, Mich.
Mr. O. W. Lehmann, The Fair, Chicago, Ill.
Mr. S. G. Courteen, Milwaukee, Wis.
Mr. Thos. F. Ryan, Oak Ridge, Va.

The death of Mr. J. J. Bush of Elmira, N. Y., occurred Nov. 18, 1910.

The death of Mr. C. W. Lewis of Farmington, Conn., has been reported to the office as occurring Dec. 6. Mr. Lewis' certificate of membership bore date of Feb. 28, 1877. It was one of the fifteen written in Feb. at the time of organization of the Club. Of these Mr. James M. Codman and Mr. Ezra Michener are the ones still active in the Club's work. Others were:

Dr. Charles R. King, Andalusia, Pa.
Mr. E. F. Bowditch, Framingham, Mass.
Mr. Silas Betts, Camden, N. J.
Mr. Thomas M. Harvey, West Grove, Pa.
Mr. Charles M. Beach, Hartford, Conn.
Mr. Augustus Ward, Farmington, Conn.
Mr. Edward Norton, Farmington, Conn.
Mr. S. W. Rodman, Boston, Mass.
Mr. W. S. Perkins, Wayland, Mass.
Miss Sarah Porter, Farmington, Conn.
Messrs. F. A. & S. W. Comly, Whitemarsh, Pa

Special Inquiries

Regarding the Pedigrees of Guernseys.

Many inquiries regarding the pedigrees of Guernseys are received at the office. We shall devote space to answering same, each month.

I wish you would kindly print pedigree of Francesca's Peter in your next Journal. F. Van H., Franklin Forks, Pa.

The sire of Francesca's Peter is Orange Duke of Edgemont 12289. His dam is Francesca of Paxtang 8724. Sire of Orange Duke of Edgemont is St. Nicholas 3d, 6379; his dam is Beauty of Orange 12891. Sire of Francesca of Paxtang is Garfield Jr., 1498. Her dam is Imp. Beauty of De Castro 912.

Also please give pedigree of Maggie Hastings 10503, Adv. R. 23. F. MAN. H., Franklin Forks, Pa.

Maggie Hastings has a record of 313.57 lbs. butter fat. Her sire was General Hastings 3816. Her dam was Edna Carter 10502. Sire of General Hastings was Squire Hodgson 3171. His dam was Lady Hodgson 2d, 4870. Sire of Edna Carter was Lord Wellington 4799. Her dam was Kittie Carter 4113.

Waukesha Guernsey Breeders' Association.

Agricultural Expert Sends Congratulations To Guernsey Association. Expresses Great Interest In Recent Sale and Says Local Society Is Helping Whole State.

Prof. W. A. Henry, emeritus professor of agriculture of the University of Wisconsin and a national leader in the new scientific farming, has written a most appreciative letter of the work of the Waukesha County Guernsey Association. The letter, which is addressed to R. W. Rowlands, with whom the idea of the association originated and who has been very helpful in its promotion, is as follows:

MADISON, WIS., Oct. 31, 1910.

DEAR MR. ROWLANDS:—

I have received and carefully examined, with the keenest interest, your admirably gotten-up sales catalogue, announcing the first annual sale of the Waukesha Guernsey Breeders' Association. I cannot resist the impulse to at once write a note of congratulation to the far-sighted Guernsey breeders of Waukesha county. You have a most meritorious breed of cattle, and what is just as important, an Association composed of men who have the right spirit back of what they are doing. Your very catalog itself is an example of broadmindedness and fair dealing, and must win the confidence of everyone looking toward improving his herd by the introduction of the best Guernsey blood.

As I told you in the very inception of your organization, as some of you will recollect, "Stick together." Let no jealousies intrude. Treat your Guernsey cattle generously and all that deal with you honestly and fair. Stand by the tuberculin test and sell only healthy cattle, honestly bred and honestly recorded, with records where reported, honestly made. Your Association has put Waukesha county on the map in a most creditable, enduring way, for your undertaking, great as it has become, is yet in its infancy. You are helping the whole state of Wisconsin, and setting an example to people everywhere of the advantages of honest dealing and neighborly co-operation. I rejoice more than I can tell you in your well merited success.

With regards to "all the boys," I am,

Most cordially, as of old,

W. A. HENRY.

Meeting of Iowa Guernsey Breeders' Association.

The Iowa Guernsey Breeders' Association met at the Iowa State College at Ames on December 20. While the meeting was not particularly large from the standpoint of numbers it was full of enthusiasm and interest and the breeders feel that they have in view a bright future for the Guernsey in Iowa.

The dairy business is on the very rapid increase in Iowa. And yet the Guernsey is not very well known throughout the state except through the medium of the Agricultural papers, and the Association is planning an active campaign in the interests of the breed during the coming year. One thing which has done a great deal to advance the breed is the results of the cow contest and the breeders have a very good reason to be proud.

At the meeting the following officers were elected for the ensuing year: President, W. B. Quarton; secretary, F. L. Kerr; treasurer. R. W. Wood. The meeting was addressed by Prof. C. F. Curtiss, Prof. M. Mortensen, and W. W. Marsh. The addresses were full of interest and inspiration and they brought out very forcibly to the breeders their opportunity as breeders and the possibilities of their breed. During the day the dairy farm of the College was visited. The College has one of the best equipped dairy barns in this section of the country. At present the Dairy Department of the College is carrying on some very interesting experiments in its herd of cows. The College herd of dairy cattle includes several head of Guernseys. The noted bull, Coralette's Son is on the farm at present. He is 16 years old but still in service.

In Iowa may be found some of the best representatives of the Guernsey breed in America today. Iowa will soon be the leading state of the Union in dairying and it needs pure dairy blood badly. Guernsey breeders are awake to their opportunity and are full of enthusiasm in their work. The coming year will no doubt witness a great advance in the interests of this breed of cattle in the state of Iowa.

A Summary or Review of the Advanced Register Records.

A	5 yrs. and over.	388	9167.78	459.68	5.014
B	4½ to 5 years	51	9122.43	463.35	5.079
C	4 to 4½ years	98	8084.54	415.33	5.135
D	3½ to 4 years	94	8171.18	418.96	5.127
E	3 to 3½ years	114	7583.10	388.25	5.120
F	2½ to 3 years	154	7149 13	373.53	5.225
G	2 to 2½ years	309	7137.77	362.33	5.076
	Average for	1208	8074.28	410.44	5.083

From the summary recently published the following interesting calculations have been made by Mr. Frank le Patourel of the Agricultural Experiment Station of Minnesota.

1. 4.9 % of the cows in the Advanced Register were not in calf during test.

2. 2.06 % of the cows that produced over 400 lbs. fat were not in calf during test.

3. In Class A 6.7 % of cows were not in calf during test.
" " B 4.5 " " " " " "
" " C 2.3 " " " " " "
" " D 4.4 " " " " " "
" " E 5.1 " " " " " "
" " F 3.5 " " " " " "
" " G 4.6 " " " " " "

4. Of the cows that produced 400 lbs. or more of fat:
Class A 4 % were not in calf during test.
B 2.2 % " " " " "
C All were in calf during test.
D 1.1 % were not in calf during test.
E 2.02 % " " " " "
F All were in calf.
G 7 % were not in calf during test.

5. Of the cows (irrespective of age) that made from 600 to 650 lbs. fat 4.3 % were not in calf during test.

Of the cows (irrespective of age) that produced above 650 lbs. fat 10 % were not in calf. (This looks rather too bad, but it is correct.)

6. Of the cows (irrespective of age) that were not carrying calf for two months:

9.5 % of the cows yielding from 400 to 450 lbs. of fat were not two months in calf.

7.8 % of the cows yielding from 450 to 500 lbs. fat were not two moths in calf.

9.2 % of the cows yielding from 500 to 550 lbs. fat were not two months in calf.

14.6 per cent of the cows yielding from 550 to 600 lbs. fat were not two months in calf.

8.3 per cent of the cows yielding from 600 to 650 lbs. fat were not two month in calf.

* 21.0 per cent of the cows yielding 650 lbs. and above were not two months in calf.

* This seems almost incredible that 21 per cent., or one out of five cows are not safely [illegible], while making an exceptional record.

F. L. P.

8833

Edgewater Farms and Guernseys.

Covered Barnyard 58x62 feet.
Edgewater Farms, Canandaigua, N. Y.

In Canandaigua, N. Y., located on the edge of the lake are Edgewater Farms, owned by Mr. F. G. Benham.

We are glad to give in this issue a number of illustrations of the Farms and some of the Guernseys in the herd. For a number of years Mr. Benham, with his son, has been building up a large sized herd of high-class Guernseys, a large portion of which he has imported. They have now over one hundred head representing some of the best blood, including as it does that of the Mashers, France and May Rose families.

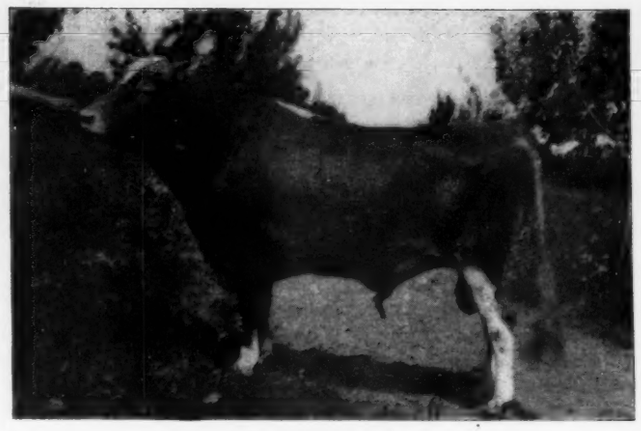
Ma Charmante II. 4891 E. G. H. B.
Property of John C. Forster, Clatford Mills, Andover, England.

In this connection we give the above picture of Imp. Ma. Charmante II. of which Mr. Benham writes:

"During my visit to the Island in 1909, Mr. Male insisted that I go to England to see a young bull (Hero) that he had shipped to a Mr. John C. Forster at Clatford Mills, Andover, England. I have never regretted my visit to Mr. Forster's place. His herd is small but extra good. His cow Ma Charmante II. is the finest dairy type that I saw either in England or on Guernsey. She is by His Majesty I. 1106 E. G. H. B., and her dam is Charmante 5th (R. G. A. S. 2619 P. S.) dam of Imp. Charmante of the Gron. Mr. Forster has changed her name to Ma Charmante II. 4891 E. G. H. B. I am enclosing her photo also a photo of her daughter, Imp. Ma Charmante VI. 31925, imported, and now in my herd.

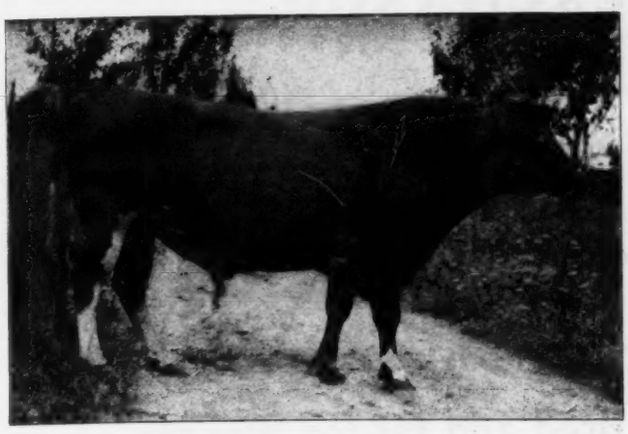
Imp. Hero of King's Mills Lodge 16906.
Edgewater Farms Guernseys, Canandaigua, N. Y.

This is a young bull Mr. Benham purchased of Mr. John C. Forster of Clatford Mills, England. He was known in England as Clatford Hero 2114 E. G. H. B., but upon importation to this country he was given his Island name, Imp. Hero of King's Mills Lodge (R. G. A. S. 2157 P. S.) His sire is Imp. Billy's France 12476, so well known in this country. His dam is Queen of La Ramée (R. G. A. S. 3066 F. S.) who was very highly commended when admitted to the Register as one of the grandest cows on the Island. This young bull won first over the Island in his class in 1909. Good judges in this country have considered him a bull that would be very hard to beat in the show ring, and Mr. Benham says "he is the finest individual of the France and Masher strains that he ever saw."



Imp. Holden IV. 12179.
Edgewater Farms Guernsey Herd, Canandaigua, N. Y.

Imp. Holden IV. 12179, a son of Imp. Golden Hero of l'Etiennierie, his dam Butter Cup of the Gron 2394 F. S., a fine dairy typed cow, consider extra good. He has splendid color and quality, rudimentaries well placed, a very deep body, with extra good flank and one of the finest heads you ever saw. Horns nice size and very yellow. He is throwing some very nice calves.



Imp. Raynold 12178.
Edgewater Farms Guernseys, Canandaigua, N. Y.

Imp. Raynold 12178, is another of the bulls in Edgewater herd, and is a son of Imp. Raymond of the Préel 11353.

Imp. Ma Charmante VI. 31925 7747 E. G. H. B.
Daughter of Ma Charmante II. 4891 E. G. H. B.
Edgewater Farms Guernseys, Canandaigua, N. Y.

She has dropped a fine bull calf, by Hero, that bids fair to look very much like him. Mr. Forster's place is not large but it is the most complete and ideal place that I ever saw and I retain a very pleasant remembrance of my visit. The house is placed on a gentle sloping hillside, surrounded with old English oaks and fine shrubbery. At the foot of the slope runs a fine clear stream plentifully stocked with trout. This stream furnishes power to light and heat his house, run his dairy, grind feed, etc. Crossing the stream on a rustic bridge you come to a fine garden and fruit orchard, beyond are the meadows and barns. The barns are of brick with tile roofs and very pretty.

Sitting on the porch at the house you can see the whole place. With the cattle in the meadow it made a fine sight We spent a very pleasant afternoon with Mr. Forster, I had no idea of buying anything from him at the time, but after I returned home I got to thinking that it would be very nice to own the young bull and some of the nice heifers. The disease developed to that extent that I was compelled to buy the bull and six heifers. I came very near to asking him for a price on the Charmante cow, but didn't develop nerve enough before the re-action set in. Three of the heifers were sired by the bull Clatford Espoire 2d 1913 E. G. H. B., a son of Clatford Hope 1647 E. G. H. B., and his dam is the Charmante cow 2619 P. S. The others were sired by Clatford Hope 2d 1814 E. G. H. B., a son of Clatford Hope 1647, and his dam is Antona 7th E. G. H. B. 3593, dam of Imp. Antona of Easton, first prize at the English Royal 1902. Her sister, Imp. Antona II. was first at the Royal Counties show 1901, and her dam is Imp. Antonina 14733, Adv. R. 44, 11164.50 lbs. milk; 493.48 lbs. butter fat. I expect to get some good fine stock from this bunch, but the first two calves are bulls, one sired by Espoir 2d, and the other by Imp. Hero of Kings Mill's Lodge, and out of the Charmante heifer. She is milking 23 to 25 lbs. per day and tests above 6% I look for her to make a grand good cow.

Covered Barnyard 62x84 Feet.
Edgewater Farms, Canandaigua, N. Y.

The cut appearing at the head of this article as well as the cut given above show the large covered barnyards for use of the Edgewater Guernseys.

Not long ago Mr. Benham told us that his herd would average fully 500 lbs. butter, and this also with nearly half of the young heifers. The following are some of the Advanced Register records made in the herd:

Imp. Primrose of the Prevosts II. 22706, Adv. R. 938, 9266.01 lbs. milk; 639 21 lbs. butter fat. This cow is credited with the highest average per cent. of any in her class.

Olivia of Mapleton 17270, Adv. R. 791, 10840.85 lbs. milk; 512.83 lbs. butter fat.

King's Myra of Mapleton 16375, Adv. R. 996, 11030.80 lbs. milk; 305.94 lbs. butter fat.

Imp. Taylor's Cream Cup 25791, Adv. R. 1078, 10394.17 lbs. milk; 545.81 lbs. butter fat.

Imp. Ruez's Daisy 22705, Adv. R. 1080, 10087.95 lbs. milk; 437.40 lbs. butter fat.

Pasture.
Edgewater Farms, Canandaigua, N. Y.

BREEDERS' EXCHANGE.

RATES Reading Notices (No Display) 5 cents a word each insertion.
Space Advertisements $2.00 per inch each insertion.

Registered Guernsey Bull Calf

PRIDE OF LAKE VIEW

Sire---Pride of Cicero.
Dam---Rosalie's Beauty.

Dropped July 13th, 1910. Fine individual, good color, well marked.

ADDRESS

R. R. GRAVES, Manager,
Lake View Farm,
Greenwood, Mo.

VOLUME XXI.

—— of the ——

HERD REGISTER

NOW READY.

PRICES:

Paper Covers	$2.00
Half Leather Bind	$2.75

Send to the Secretary's Office,

The American Guernsey Cattle Club,
Peterboro, N. H.

Guernseys for Sale

13 Head Cows and Heifers, all tracing back to Bonny Boy and the GLENWOOD Family. Special inducement on the lot. Call on or address

THE CEDAR HEDGE STOCK FARM, Three Tun, Pa.

Rare Bargains in Guernsey Bulls

Well Bred and Fit for Service.

YEARLING of the Glenwood-Dairymaid combination that got the Winner of the Iowa Dairy Cow Contest.

YEAR-AND-A-HALF-OLD going through Golden Noble and Golden Secret to the Grand May Roses.

TWO-YEAR-OLD running to the Selects, Victress and Victorines. A very useful bull.

FIVE-YEAR-OLD tried and proven Glenwood bred bull of good individuality.

Write for particulars and prices.

The chance to get a **Good Guernsey Bull.**

Write

Clover Ridge Farm, Peterboro, N. H.

A Superintendent

—— and ——

A Farm Secretary

or Book-keeper.

Two Experienced Men Open for Engagement Soon.

The Superintendent—A man of years of experience, able, highly regarded by employer, now deceased. Has handled large herds, directed extensive farm improvements in buildings and in field work.

Farm Secretary and Book-keeper—Experienced as a keeper of herd records, pay-roll, &c. Devised system of time showing labor spent of each farm operation with its cost per month, as well as cost of raising and harvesting the different crops. Same with individual cows, &c., A short course graduate.

Breeders desiring such help will do well to correspond.

Write Superintendent and Book-keeper,
Care Guernsey Breeder's Journal,
Peterboro, N. H.

Will Close Out

singly or to one purchaser, my entire small herd of Guernsey Cattle, consisting of about twenty head, of very choice breeding and individuals.

No reservations. Correspond or call

WICKLIFFE FARMS

YOUNGSTOWN, - - - OHIO

The Agricultural Guild

offers for sale at low prices the bull calves from 300 head of imported Guernseys,

All Tuberculin Tested.

These bulls are sons or grandsons of such great bulls as

Governor of the Chene, Masher's Sequel, Galaxy's Sequel, Raymond of the Preel, Golden Noble Old Paddy, The Conqueror II., Ollie's King of Belle Vernon, and Pride of Day . . . . .

The latter bull now heads the great herd of imported Guernseys at Waddington.

We are breeding for:

Strong Constitution, Great Production, Good Conformation.
We Seek Utility with Beauty.

We cull our herds closely and send to the butcher all the cows and bull calves that are not good enough to keep. We do not sell them on their pedigrees to beginners. We wish to sell no bull unless he will improve the dairy stock of the country.

The Agricultural Guild.

The Agricultural Guild was organized three years ago. Its purpose is the practical application of the science of Agriculture. It was established to meet the needs of three classes:

1. Owners of specialized farms who desire expert advice, efficient farm managers, and a high grade of student labor.
2. Young men schooled in the science of agriculture who feel the need of practical training in economics and the management of farms in order that they may aid in organizing this industry on a business-like basis and thus secure for themselves a more successful career.
5. An increasing number of boys and young men who desire a practical training in the art of agriculture, with a view either (*a*) to operating farms for themselves or (*b*) working as employees on specialized farms.

The college graduates who entered the Guild in 1908 are now managing farms or herds. The farms of the Guild have herds, dairy barns and equipment which enable them to give the best training in dairying and other lines of Agriculture.

For information about the work of the Guild or list of cattle for sale, apply to

Prof. William Hill, Director Agricultural Guild, **University of Chicago**

GUERNSEYS AT AUCTION

MARCH 15TH, 1911.

→ 80 — HEAD — 80 ←

— OF —

Imported and Domestic Guernseys

THE SALE WILL BE HELD AT

Westmoreland Farm, Oconomowoc, Wis.

50 Cows **19 Heifers** **11 Bulls**

The list includes twenty-two daughters of the noted bull

ROBIANA'S STANDARD

seven times a champion bull, eight daughters in A. R. Also, six daughters of

GLENWOOD'S REPUTATION,

Third Prize Winner at the National Dairy Show, 1910.

A number of these cows are in calf to the **Senior Champion Bull** of the National Dairy Show,

Imp. Hero of the Courtil Blicq.

ALL TUBERCULIN TESTED.

COL. D. L. PERRY, Auctioneer. Send for Illustrated Catalogue

W. H. TICHENOR, - Westmoreland Farm

OCONOMOWOC, WIS.

Jottings From the Guernsey World.

MORNINGSIDE FARM.

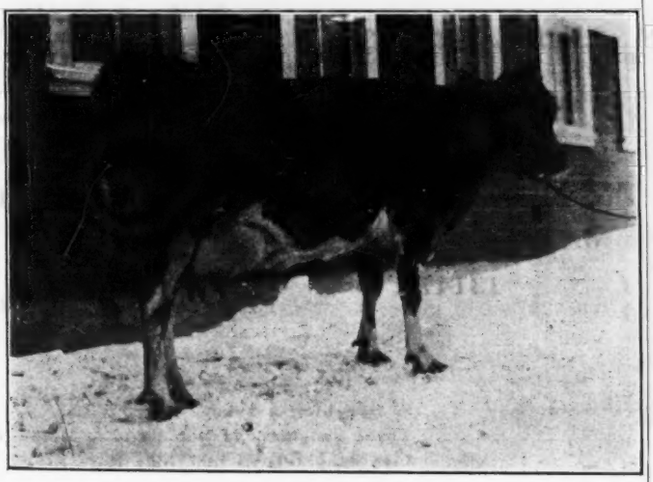
As our timber is being cut off and the products shipped all over the United States there is one thing that remains, the land. In some sections this timber land becomes reforested while in other cases it is left bare except for the unsightly stumps, often at a distance from markets and of a more or less rough and uneven surface, it is a problem how to utilize that land to the best advantage. In Cadillac, Mich., there is a lumber company that is cutting off timber at the rate of 1000 acres a year, and they own land sufficient to keep them busy for 20 years.

Modern methods and the *most* modern are practiced here, utilizes the entire product and that which formerly was left to be burned now brings in more than the timber itself did years ago.

But what of the land that has been left so denuded.

Some of the officers of this company have undertaken to find a solution for this problem. About four years ago buildings were erected to form the nucleus of a dairy farm.

While better land might have been selected what is done on Morningside farm can be duplicated on hundreds of acres now lying idle.



Northern Belle 15397.

Sire, Governor's Bliss 7023. Dam, Betsey Jane 7583
Dropped Sept. 12, 1902.
Owned at Morningside Farms, Cadillas, Mich.

It is managed by the secretary and manager of the lumber company who sells a million dollars worth of lumber products a year and incidentally manages the farm as a side issue.

BROOKMEAD FARM

DEVON, PENNA.

R. FRANCIS WOOD, Proprietor.

Bull Calves For Sale or Exchange for Registered Heifers

Herd Bulls

Imp. Beechwood's Pride 9550. Son of Masher's Sequel and Imp. Princeps of Spotswood 16503.

Deanie's Sultan 9910. Son of Sultan of Burnside 8114 and Imp. Deanie X., A. R. 42.

Donald Bell 12646. Son of Don Derby 9623 and Prince's Coraline 11,420.

Berkshire Pigs

Both Sexes **Best Breeding**

Fritzlyn Farm Guernseys For Sale

Winners in the Show Ring as well as in the A. R.

Home of Imp. Raymond of Saints 13839

A. R. Cows and Imp. Heifers by famous sires as

Imp. Raymond of the Preel.
Imp. Raymond of the Preel II.
Fanny's Sequel
Prince of the Vauquiedor
The Conqueror

Three Bull Calves, 8 mos. old, by son of the great Galaxy's Seque out of Governor of the Chene heifers now qualifying for the A. R.

One yearling bull, 1st Prize, Sept , 1910.

One bull calf by Imp. Raymond of Saint 13839.

For full particulars address

WM. F. FRETZ, - Pipersville, Pa.

The buildings are substantial and conveniently arranged for handling crops and stock.

Butterwitch of Maplehrust 16975.

Sire, Malcolm of Maplehurst 5626.
Dam, Buttercup of Springside 4524.
Dropped July 8, 1903.
Owned at Morningside Farms, Cadillac, Mich.

While it is too far north for getting a maximum yield of corn, by selecting an early maturing variety, proper cultivation and fertilizing the writer saw crops that were double those on the average farm in northern Michigan. Several varieties were being tested to find the one best adapted to that section. Alfalfa has been tried and found to do well; while not as many cuttings can be made on account of the short season, a better looking field it would be hard to find anywhere in the country. Mr. Odell has become an Alfalfa enthusiast and is in great demand at Farmers' Institutes to speak on Alfalfa and other farm topics.

He is in receipt of so many letters asking how to grow and handle the crop that to save his time he has written and had printed a pamphlet on Alfalfa, that he sends gratis to all inquirers.

In this search for that which is best to have on Morningside farm we are not surprised that after a careful study of breeds the Guernsey was chosen to found the herd.

While a pure bred sire is kept, only a few of the cows are registered. This bull bred to an ordinary cow, a tall rangy beast, solid dark brown in color, gave a grade heifer that would pass for a pure bred and with most excellent milking qualities. This grade heifer produced during the five weeks

Oakhurst Farm Guernseys.

FOR SALE

Imported Cows and Heifers

Bulls and Bull Calves

Write for Sale List.

H. H. MEADER, Supt.

MILLERTON, N. Y.

Burnside Farm Guernseys.

HERD BULLS.

KING FRANCIS 13500

Imp. May Rose King 8336. A. R. 41.
Princess of Florham 19650
1439.3 lbs. milk, 74.19 lbs. fat in July, 1910.

MASHER'S MASHER 13147

Imp. France's Masher II. 7248. A. R. 36
France's Milk Maid 15341. A. R. 825
11725.7 lbs. milk, 545.7 lbs. fat.

The Herd Includes

A Daughter of France III.
Three daughters of Imp. France's Masher II.
Five daughters of Imp. May Rose King.

We offer for sale **Bulls** with large percentage of the blood of May Rose II. and France III. through their best descendants and backed by A. R. records.

S. M. SHOEMAKER, - Eccleston, Md.

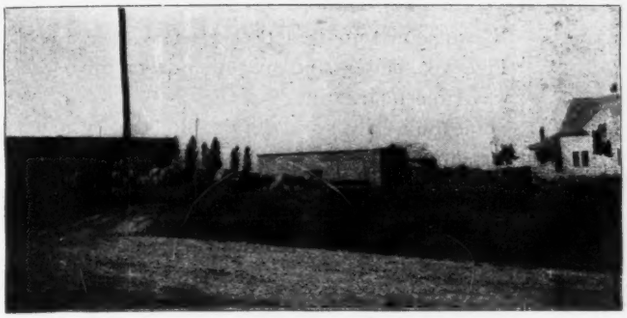
ending Dec. 18, 1909, 1466.1 lbs. milk, testing 4.2 and 4.5%; total fat 63.77 lbs. Her best week's milk was 297 lbs., and best week's fat 13.37 lbs.

No remarks needed as to the value of a pure bred sire, the above figures tell the story. The average milk production for the 11 head was 7215 lbs. The highest yield was 9698 lbs. and the lowest 4755, less than half the first.

As additional evidence of the quality of the cows in this herd, on the morning of my visit one of the cows was down with milk fever and looked as if she had given up hope, prompt application of the air treatment brought her around so that by night she was eating again.

The registered cows are being tested for the A. R. and making good records.

Mr. Rozema's Guernzeys.



Co-operative Creamery, Fremont, Mich.
Mr. Henry Rozema, General Manager.

Mr. Henry Rozema of Fremont, Mich., believes in using systematic business methods on his farm as well as in the creamery of which he has been manager since its establishment.

He is a firm believer in cow testing associations and does not propose to keep a single cow in his herd that does not pay her board and yield him a fair profit besides. His farm of 150 acres is just inside the city limits and borders a pretty lake.

At present he has only a few pure bred Guernseys, but is increasing the number gradually.

His three that are in milk are being tested for the A. R. and making excellent records. He has a nice lot of Guernsey grades from which every boarder has been weeded out. His 25 cows are bringing him in an income of $200.00 a month or over $2,000.00 a year for the butter fat, and the skim milk left on the farm for the calves and pigs.

He is completing a second silo made of cement blocks and plans to extend his barn to it and increase his herd, weeding out all but Guernseys.

One does not need to be told that farming pays when visiting Mr. Rozema.

He has found the best way to get and keep efficient farm help is to get married men, build a comfortable house for them to live in and furnish them with milk, potatoes and a garden patch. Mr. Rozema has two such houses and men who not only do a good day's work but take an interest in it and can be depended upon to care for things if he is away. This spirit of co-operation with one's help can be considered to advantage by most farmers greatly to their profit and peace of mind.

Guernseys Give Satisfaction.

Mr. Thomas Ellis, of Endeavor, Wis., writes of his grade Guernseys: They have done well. I received $104.46 from our local creamery during January from eight cows.

FOR SALE

EIGHTY

Nicely Marked, High Grade Holstein Heifers due to freshen from January 1st to April 1st. Also, Thoroughbred and Grade Guernsey

— *HEIFERS* —

E. D. WATKINS,

LIMA, N. Y.

FOR SALE

Choice Bull Calves

Sired by Imp. Deanie's Sequel 14630.

The dam of this bull on Guernsey, Deanie XII., R. G. A. S., 4699 P. S., is one of the best dams on the Island, and American Breeders have as yet been unable to secure a price on her.

His sire is Deanie's Jewel 1790 P. S., who carries the blood of Deanie 1869 F. S., Royal Governor of L'Etiennerie 1484 P. S., Governor of the Chene 1297 P. S., Rydale 475 P. S., Volage 98 P. S., &c.

The herd comprises about thirty head, the home bred animals coming from some of the most noted families in this country, carrying the blood of Lucretia 802, Lucretia's Daughter 11256, Lucretia's Son of Haddon 7575, Pat of Haddon 3919, Sheet Anchor, Imp. Pomara 3d, Imp. Fernwood Lily 1468, Lilyita 7241, Lily Ella 7240.

The herd also contains several head of imported stock which have been selected from the most fashionable and best producing strains on the Island, which include daughters of Imp. Lord Mar, Imp. Raymond of the Preel II., Imp. Galaxy's Sequel, Governor of the Chene II., Raymond of the Preel IV., and other noted Island bulls. Address

E. & J. T. MILLER,

Maple Ridge Farm, - Birmingham, Mich.

I believe I have five grade Guernseys that are extra good ones, three of them are heifers I bought of a Mr. Toppin at St. Point, one being three, and two four years old at present.

The best one of the four years, calved in October. Her best day's milking was 56 lbs. We do not weigh the milk regularly, about once a week. I believe she would average 50 lbs. the first two months, at present she is milking about 40 lbs. Bred Feb. 4.

The others are not quite as heavy producers but they are good ones.

The Guernseys have been very satisfactory with me. We milked eleven last season, four of them being but two years old, and they averaged me $117.24 per head.

They are doing far better than any other cows in this community and a number of the farmers are getting quite interested. A number would change to them if they could buy. I regret now that I had not begun with them at an earlier date.

The Guernseys are an excellent breed, and have a high place in the improvement of American Dairy herds.—*Rural Life.*

Milk Produced by an Island Cow.

I am sending you the milk record of my cow Flower, No. 630, R. G. A. S. H. B. for the week beginning the 9th of July and ending the 15th, the said cow having dropped her last calf the 15th of last May.

July 9	Morning	15 lbs.,	8 oz.	40¾ lbs.
	Noon	10 "	8 "	
	Night	14 "	12 "	
" 10	Morning	16 "	0 "	41 lbs.
	Noon	9 "	8 "	
	Night	15 "	8 "	
" 11	Morning	14 "	8 "	39 lbs.
	Noon	12 "	0 "	
	Night	12 "	8 "	
" 12	Morning	16 "	0 "	40 lbs.
	Noon	11 "	0 "	
	Night	13 "	8 "	
" 13	Morning	14 "	8 "	38¾ lbs.
	Noon	11 "	8 "	
	Night	12 "	12 "	
" 14	Morning	15 "	0 "	38 lbs
	Noon	10 "	8 "	
	Night	12 "	8 "	
" 15	Morning	15 "	8 "	38 lbs.
	Noon	9 "	8 "	
	Night	13 "	0 "	
		Total		275½ lbs.

The said cow was fed on clover and made 14 lbs. 4 oz. of butter.

Oakwood Farm.

The records made by Oakwood Farm are under plain farm conditions, no forcing, and during the summer this cow got little and often no grain at all. This counts for a good deal in a comparison of records.

Judge Quarton is one of our most enthusiastic breeders in the state and always ready to speak a good word for the Guernseys. Three years ago one of his boys having saved up some money was advised by his father to invest it in a Guernsey heifer, which he did at a cost of $141.00 delivered. This cow has since had two heifer calves, one now a yearling and one a calf some weeks old. A buyer has recently

ARCADY FARM

LAKE FOREST, ILL.

ARTHUR MEEKER, Prop.

Imported and Home Bred Guernseys

Nine useful Imported Bred Heifers.
Five bred heifers and six cows now on the way from quarantine.
Some Bull Calves and Service Bulls ready for shipment.

Herd recently tested by government inspection without a reaction.

Address ARCADY FARM, - C. H. ROYCE, Supt.

HARRITON FARM

Dairymaid's Choice of Pinehurst No. 13618.
Full brother to Dairymaid of Pinehurst, leading cow in Iowa Dairy contest heads my herd.

SIRE. Glenwood's Boy of Haddon, Advanced Register Sire 8.
DAM. Dairymaid of Elm Place A. R. 19. 12176.9 lbs. milk; 668.3 lbs. fat.

Young stock for sale of both sexes.

M. M. VAUX,

Harriton Farm, - - - Bryn Mawr, Pa.

offered him $700.00 for the cow and her two heifers. Father and son concluded she was worth more to them on the farm. How could a young man invest $141.00 so it would bring him in better returns?

Guernsey Booth — National Dairy Show, 1910.

The rapid increase in land values in Iowa is forcing out the steer and bringing in the dairy cow and cooperative creameries. Kossuth County has 22 cooperative creameries and produces $750,000.00 worth of butter annually. The dairy interests of the county have been recognized by the Federal Government by locating a new experiment and resident agent at the Algona creamery.

Elm-Leigh Guernsey Butter.

The Guernsey butter from the Elm-Leigh Farm, belonging to Mr. Edward R. Andrews of Boston, has won the highest prizes this year, as has been the case the two previous years, at the three principal fairs in Vermont, scoring 97%, 97½% and 98%; the latter being the highest score awarded.

Guernsey Booth — National Dairy Show, 1910.

Prof. Bishop in charge, and Mr. Chas. Kitts of Guernsey.

It is acknowledged that the milk of Guernsey cows makes the richest and highest colored butter of any breed of cows. Vermont butter has a very high reputation for excellence.

The Richmond Guernsey Herd.

ESTABLISHED 1887. TUBERCULIN TESTED.

36 Adv. R. records are held by cows bred in this herd.

All our females are direct descendants of Lura 7227 in the female line. Three of her daughters have Adv. R. records averaging 448 lbs. fat.

FORMER HERD BULLS.

Ben Bishop 3506, Adv. R. 17.
King Coral 5238, Adv. R. 16.
Capt. Robbie 7146, Adv. R. 25.
Glenwood's Stranford 9386

PRESENT HERD BULLS.

Masher's Sequel 3d 13031, a son of Imp. Masher's Sequel, out of Miranda of Grasslands 14125, Adv. R. 489, described by Valancey E. Fuller as "a very handsome cow of a very perfect type."

Richmond Maximus 15608, a bull of own breeding for eight generations on both sides. He is strongly inbred in the blood of Glenwood Boy of Haddon, Adv. R. 8; Stranford's Princess, Adv. R. 199; King Coral, Adv. R. 16; Benjamin, Adv. R. 2; Lily's Bonny Boy, Adv. R. 10; and Lura.

BEN CLARK & SON,

Whitewater, - - - - - - Wisconsin.

Chestnut Hill Farm Guernsey Herd

Has put into the Advanced Register the following cows:

NAME	Age	Milk	Fat	Per Cent Fat
Honor Bright F. 17524	4	12674.00	694.64	5.48
Chedda May 17639 (Re-Entry)	6-11	11514.30	643.12	5.59
Talladeen 17.510	5-10	11906.81	633.51	5.32
Imp. Island Butter Queen 19661 (Re-Entry)	8-2	12158.80	619.31	5.09
Emma McPeake 19995	3-2	9452.00	605.05	6.41
Chedda May 17639	5-6	10189.61	600.27	5.89
Suwanee B 17544	5-7	10231 31	511.05	5.60
Jean of Tawawa 19159	3-2	8747.60	490.25	4.99
Sunbeam of Linden's Valentine 15130	5	7657.81	482.84	6.31
Imp. Island Butter Queen 19661	6-11	8531.41	442.58	5.19
Beatrix B. 20310	2-5	9021.10	427.96	4.74
Emma Campbell 17424	8-5	8495 41	425.35	5.45
Ueeeda B. 17523	2-11	7739 51	420.10	5.43
Carolla B. 17512	4-4	8497.10	418.10	4.92
Imp. Primrose I. of Les Rosiers 19667	5-4	7997.21	410.16	5.13
Marantha 20306	3-3	8775.41	404.68	4.61
Emma Neyupher 17428	4-4	7842.70	386 58	4.93
Ulsu 20311	2-4	8553.30	384.73	4 50
Mimosa E. 17522	3-8	7488.40	383.03	5.10
Duenna B. 20304	3-3	8563.10	374.81	4 38
Mimi 17325	2-7	6862.10	353.29	5 15

The above 51 cows average 9185.66 lbs. milk, 481 02 lbs fat. Average per cent fat 5.23. Emma Mc Peake has just finished her record as a 3-year-old which places her second to Dolly Bloom. We have for sale bulls and heifers of the above breeding sired by Skeezicks 9979 and Guydette, Jr., 11405.

MYRON C. WICK, Prop. **CHAS. H. DRISSEN, Supt.**

COALBURG, OHIO.

To win first prizes at Vermont Agricultural fairs, as adjudged by experts, is a strong endorsement of the butter of Elm-Leigh Farm.

The quantity is limited, as it is all made from milk produced on the farm. As a rule butter is made from milk or cream gathered from many farms and, if any one of them is in an unsanitary condition, the whole product is affected. This consideration is very important, purity of dairy products being essential to health.

The herd consists of carefully bred Guernsey cows, which have taken many blue and red ribbons in the past two years. They are regularly tested with tuberculin, are groomed daily and housed in new barns in which every requisite for health, such as abundant light, ventilation and cleanliness, is secured.

Maud of Pataskala 24870.

Owned by A. W. Smith, Pataskala, O.

Mr. Smith writes, Please find enclosed, birth report for male calf; also a photograph of one of my cows that I think a great deal of; I wish I had one hundred like her. In April, May and June she gave 3773 lbs. of 5 % milk, and she is holding up good with the flies so bad, and dry weather. All she gets is pasture, and I know she will keep on giving a good flow, because when I dried her up before she was fresh she was giving 2½ gallons per day of 7% milk.

Butter Test at Springfield.

The subjoined table gives the results of the three-day butter fat test at the Illinois state fair:

COWS OVER THREE YEARS OF AGE.

Name of Owner	Name of Animal.	Breed.	Milk lbs.	Fat per ct.	Fat lbs.
W. W. Marsh	Glencoe's Bopeep	Guernsey	124.2	4.6	5.74
Ryanogal Farm	Bell Douglas	Ayrshire	116.1	4.3	5.01
Hartman Farm	Pride of Hilldale	Jersey	85.4	5.0	4.28
M. R. Evans	Lpdy Mercedes Pauline A. K. Gem	Holstein	115.7	3.6	4.12
Ryanogal Farm	Bucheskee Blythe Kate	Ayrshire	99.6	4.1	4.06
E. M. Barton	Iowa Lassie	Br. Swiss	116.4	3.4	4.01
H. W. Ayes	Ruble of River Meadow	Br. Swiss	93.7	3.3	3.22
G. E. Holton	Hesper of the Glen	Guernsey	78.0	4.1	3.22
W. T. Gatton	Paul de K. Tietje	Holstein	105.7	3.0	3.11
J. E. Hatfield	Lena's Fair Alphea	Jersey	57.9	5.1	3.07
F. R. Sanders	Sweet Marie	Dutch Belt	74.6	3.5	2.63

HEIEFRS UNDER THREE YEARS OF AGE.

Name of Owner.	Name of Animal.	Breed.	Milk lbs.	Fat per ct.	Fat lbs.
W. W. Marsh	Lady Smith of the Isle	Guernsey	78.7	4.5	3.68
F. R. Sanders	Salina Maid	Dutch Belt	77 9	4.1	3.18
Allynhurst Farm	Betty of Allynhurst	Br. Swiss	75.1	4.0	2.98
W. T. Gatton	Princess Hoosier Lass	Holstein	77.2	3.1	2.43
J. E. Hatfield	Handsome Maid	Jersey	51.8	4.7	2.42
M. R. Evans	Mechthilde Daisy Greenwood	Holstein	44.0	5.4	2.42
G. E. Holton	Floradora of Maple Glen	Guernsey	46.1	5.0	2.29
W. T. Gatton	Perfection De Kol 2d	Holstein	48.5	3.4	1.64
W. T. Gatton	Heeringa Una Lily	Holstein	52.4	3.0	1.51

—From The Lilacks,, Framingham, Mass.

Guernseys

of both sexes for sale. Some choice Cows and Heifers.
Bull Calf sired by Dimple Bloom.

HERD BULLS.

DIMPLE BLOOM, sired by Imp. Yeoman, and dam sired by Imp. King of the May, and granddaughter of Dolly Bloom, (836 lbs. fat.)

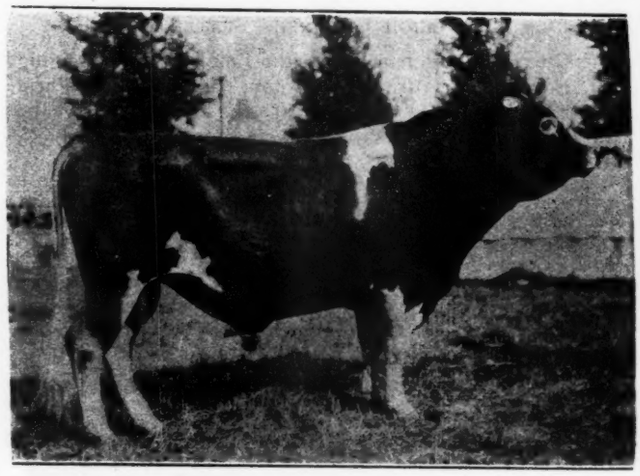
Imp. France Masher — pedigree runs three times through the line of the famous France cows.

We have several registered Percheron Fillies for sale, also a few good standard bred colts, cheap; and Duroc-Jersey Swine.

EDGEMONT FARM.

T. E. HYDE,

Bloomsburg, Pa.



IMP. SPOTSWOOD SEQUEL 9686

Sire, Masher's Sequel 11462, A. R. 44.
Dam, Imp. Spotswood Busy Bee 17606 by Imp. Island Champion 6263, A. R. 18, the greatest Guernsey progenitor of the age

Heads Maplehurst Guernseys,

assisted by Golden Masher 10464.

Bull Calves and a few Cows for sale.

G. B. TALLMAN, - Fayetteville, N. Y.

Mr. Bowditch writes:

It may be of interest to you—it is most interesting to me—to know that my little herd of Guernseys and one or two Guernsey grades averaged for thirty-eight weeks 25.14 lbs. per cow per day—they were in all stages of lactation. If I can keep this up for balance of year it will make a good showing. I began March 13, 1910 through Dec. 3, 1910.

From OAKLAWN FARM, Washington, Pa., Dec. 2, 1910.

MR. WM. H. CALDWELL:

Dear Sir:—Have been much interested in reading the monthly issues of the Journal, and am very much interested in the Guernseys, so much so that I sold out my mixed herd of cows this fall and expect to breed only full blood or high grade Guernseys from now on. I purchased two young heifers last spring, one of which is now one year old and one nine months old, both of which I expect to breed at fifteen months of age, this will give me a start in registered stock. In Sept. I purchased from Alfred G. Lewis, White Springs Farm, Geneva, N. Y., the fine Imported Bull Calf, Imp. Butterstamp's Hero No. 17050. He is now seven months old and is developing into a fine type of dairy bull, a light solid fawn color with white on legs and switch white, fine head and rich yellow skin. Was bred on Guernsey by M. R. Jones. Sire, Hero of the Poidevins P. S. 1750; Dam, Imp. Butterstamp of the Isle P. S. 5561, whose sire was His Majestey 3d, a prize winner on Guernsey, and on her dam's side traces direct to Masher P. S. 705.

I also purchased in Sept. from J. G. Sherman Jr. of Greenwich, N. Y., eight head of full blood Guernsey cows and heifers for dairy purposes. These are from the old Sheet Anchor and Stephen Wilbur stock, and have been raised and bred pure by Mr. Sherman for years, but unfortunately were not kept registered. Six of these are with calf to the fine young bull of Mr. Sherman's, Thyra's Prince 14513, of the Ellerslie herd. The lot consists of one heifer coming two years old, three heifers two and one-half years old, two heifers three and one-half years old, one cow four years old, and a grand cow 10 years old, mother of two of the heifers. This grand cow weighs close to 1400 lbs. and is a granddaughter of the original cow imported by Mr. Wilbur. She is heavy with calf.

My aim is to raise some good dairy cows and to gradually work into a registered herd, which owing to the high prices of the better class of registered Guernseys would require a good capital to begin with. This is a dairy community, but the dairymen as a rule depend on buying their cows instead of raising a few good heifers each year.

The time has come however when the people want better milk, and the dairymen and farmers are looking for Jerseys or Guernseys to help to color and bring up the grade of their milk.

I would be pleased to have you send me any Guernsey literature that would be suitable for distribution and I will take pleasure in trying to advance the Guernsey cause. It was through an ad. in July issue of the Journal that I saw the heifers offered for sale.

Wishing you success in the advancement of the Guernseys,

I am respectfully,

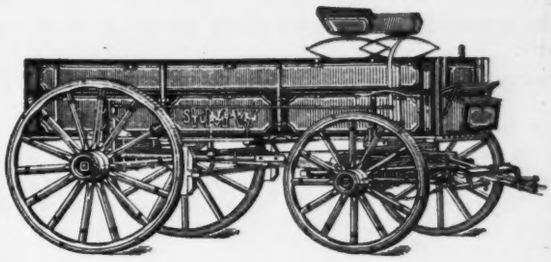
ROBERT P. QUAIL.

WHY buy a wagon you HOPE will turn out all right when its so easy to get a wagon you KNOW will give you satisfactory service?

There is never any question about the easy-running and long wearing qualities of the old reliable

Studebaker

WAGON



For almost 60 years the Studebaker has been recognized as standard.

Why take chances on anything you use so constantly as a wagon. The best costs no more in the beginning and much less in the end. Refuse to take anything but a Studebaker and you'll always have a good, reliable wagon.

Studebaker Bros. Mfg. Co.,
South Bend, Indiana, U. S. A.
Largest Wagon and Buggy Builders in the World

When you need a Wagon or Buggy
SEE THE STUDEBAKER DEALER

Does it Pay to Breed a Heifer Too Young?

I received the sample copy of the Guernsey Breeders' Journal and have looked it over very thoughtfully, and I think it is a great step toward advancing the interest of Guernsey breeders. I see on page 14 you insist on breeders asking questions, and this impressed me very f. vorably. I have been a constant reader of Hoard's Dairyman for many years and I always take great pleasure and derive much benefit from the questions and answers published in it. I have been caring for cattle for thirty years, and I first began to love them when I was ten years old, and at the age of fifteen I became a great admirer of the Guernsey breed, and from that time I have watched with much interest the advancement of the breed. In the year of 1901 I was at the Pan American fair, Buffalo, and my greatest interest was around the dairy buildings, and how well I can remember looking on while they milked the famous cow Mary Marshall and hoping that she would become a winner in the contest.

Thirteen years ago I started farming for myself, I went in debt for all of my stock as I had only been a hired man or boy on a dairy farm since twelve years of age. I bought six grade cows, three horses, and rented an eighty acre farm on shares. I was a constant reader of dairy papers and the more I learned about the dairy breeds, their rations, the constituents of feed stuffs, their powers of transmission, and the characteristics of the different breeds, I began to realize what a wide field of knowledge the dairy covered, and to my mind there is no business that has made any more rapid advancement toward the standard of perfection than the dairy has in the last two years, therefore if we would keep in pace with the onward move we must study the harder and read the more.

Seven years ago I bought a seventy acre farm in the borough of Clayton, my affections becoming stronger all the time for the Guernsey. I bought a registered heifer, and having knowledge of the noted family of the Glenwood's I purchased a Glenwood bull of E. T. Gill of Haddonfield, N. J. At the present time I have thirty head, six of which are registered. Have built a new barn 55x60 feet, the barn contains fifty-two windows, ventilating flues, cement floors, and the gutters connected with a cement cesspool holding thirty-five tons when full, this is spread on my alfalfa field for a top dressing, the spreader of this liquid is a simple device (home made) and works complete. Further information on this if requested. Will say that eighteen cows will make thirty tons of liquid manure in one year. We have silos to the capacity of three hundred tons, have a ten-horse-power gasoline engine and cutter of our own, we husk all of our own corn and cord it in the field. cover the same with our alfalfa hay caps and let it thoroughly dry out before cribbing. The fodder from this corn is made into ensilage, by salting and wetting it with water it keeps fine and contains very little acid, hence you can feed more of it without any bad effect.

I was very much impressed by the Guernsey cow Missy of the Glen, her famous record and most of all her age at the time of her first calf, which was four years and six months. It has been my belief and argument that it pays to let our heifers grow up before breeding them, and I see only one way of solving this question, and that is through our official records of all the high producing cows of the breed, and for my benefit, and others who may be interested, would you kindly state through your Journal how many of the twenty-seven cows that have produced in one year over 12,000 lbs. of milk were allowed to become two years and six months old before having their first calf; also, how many of the nine cows that have produced in one year over 14,000 lbs. of milk were allowed to become two years and nine months of age before having their first calf?

HARMON D. NEWKIRK.

THE HERD REGISTER

VOL. XX1. **NOW READY**

In Half Leather Bind, - $2.75

Paper Bound, - - - - $2.00

All Breeders Need Complete Sets of THE HERD REGISTER.

The Published Volumes are as follows:

Vol.	Pub.	Includes Parts	Bulls	Cows	Advanced Register Bulls	Advanced Register Cows
I.	1884	1-2-3-4	Nos. 1 to 539	Nos. 1 to 1394		
II.	1887	5-6-7-8	" 540 to 1212	" 1395 to 2826		
III.	1891	9-10-11-12	" 1213 to 2220	" 2827 to 4393		
IV.	1892	13-14-15-16	" 2221 to 2861	" 4394 to 5784		
V.	1894	17-18-19-20	" 2862 to 3572	" 5785 to 7080		
VI.	1895 6	21 to 28	" 3573 to 4522	" 7081 to 8962		
VII.	1897	29 to 32	" 4523 to 4937	" 8963 to 9732		
VIII	1898	33 to 36	" 4938 to 5461	" 9733 to 10657		
IX.	1899	37 to 40	" 5462 to 6069	" 10658 to 11802		
X.	1900	41 to 44	" 6070 to 6675	" 11803 to 12781		
XI.	1901	45 to 48	" 6676 to 7283	" 12782 to 13745		
XII.	1902	49 to 52	" 7284 to 8000	" 13746 to 15033	1 to 2	1 to 27
XIII.	1903	53 to 56	" 8001 to 8704	" 15034 to 16270	3 to 5	28 to 77
XIV.	1904	57 to 60	" 8705 to 9467	" 16271 to 17568	6	78 to 185
XV.	1905	61 to 64	" 9468 to 10239	" 17569 to 19025	7 to 20	186 to 332
XVI.	1906	65 to 68	" 10240 to 11185	" 19026 to 20859	21 to 35	333 to 453
XVII.	1907	69 to 72	" 11186 to 12180	" 20860 to 22734	36 to 49	454 to 568
XVIII.	1908	73 to 76	" 12181 to 13385	" 22735 to 24807	50 to 65	569 to 712
XIX.	1909	77 to 79	" 13386 to 14372	" 24808 to 26726	66 to 79	713 to 867
XX.		Jan. 1910	" 14373 to 15495	" 26727 to 28950	80 to 86	868 to 935
XXI.		July. 1910	" 15496 to 16505	" 28951 to 31500	87 to 94	936 to 1059

Index Volumes I. to XII.

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(Three D Grains)

are high in protein and fat, Can be fed in very large quantities for long periods without harmful effects on the cow or her product. Does not pall on the appetite and cause a decrease in milk. Is the best feed to keep up the flow in winter when milk is high.

With the price of milk higher than ever before you cannot afford to buy poor feed. Three D Grains will produce

More Milk and Butter

for the money than any other feed.

Last June two of the greatest dairymen in the U. S., (both prominent Guernsey breeders) bought a carload each. One bought a second car Dec. 8th, the other Dec. 23d. These are not "cut and dried" testimonials, but FACTS. In the November Guernsey Breeder's Journal we find in the report of the Adv. R , 42 cows entered by feeders of D. D. D. Grains to whom we sell direct. The largest dairyman in Indiana has ordered 6 cars (120 tons) D. D. D. Grains since Jan. 1st, 1910. The largest in Ohio has ordered 17 cars (340 tons) since Jan. 1st, 1909. Names given if requested.

Write for samples, prices and booklet "How to Feed Distiller's Dried Grains," by Prof W. A. Henry.

The Dewey Bros., Co., Box. 455, Blanchester, O.

The Advanced Register of Guernsey Cattle.

Latest Credits and Totals to Date for the Several Cows Entered.

Corrected to December 19, 1910.

Name and Number.	Class.	Month.	Month Credit. Milk. Lbs.	% Fat.	B. fat. Lbs.	Total Credit. Milk. Lbs.	B. Fat. Lbs.
Ames, F. Lothrop, North Easton, Mass.							
Argie Nerio 15380	A	12d Sept.	444.10	4.98	22.12		
	—	1 Oct.	1290.80	4.98	64.28	1734.90	86.40
Dolly Dimple 19144	(See special page.)						
Florham Daisy 18115	A	6 Sept.	1103.10	4.57	50.42	8254.00	380.93
Imp. Itchen Royal Rose 2d 28156	B	2 Sept.	824.20	4 42	36.43	959.20	42.40
Langwater Dairymaid 26377	G	3 Oct.	1004.50	4 85	48.72	3402.70	150.35
Langwater Hayes Rosie 24200	G	9 Oct.	508.90	5.60	28.50	7617.10	369.66
Imp. Langwater Lily 26606	G	4 Oct.	622.60	5.60	34.87	3190.80	150.08
Langwater Milkmaid 27942	G	8d Sept.	176.40	4.04	7.13		
	—	1 Oct.	854.70	4.04	34.53	1031.10	41.66
Imp. Langwater Pearl 26605	G	2 Oct.	952.30	4.43	42.19	1495.10	64.99
Princess of Florham 19650	A	3 Sept.	756.40	4.61	34.87	3859.10	178.88
Rose of Langwater 24204	F	3 Sept	1079.50	4.57	49.33	2949.80	131 82
Yeoman's Felois 22137	E	8 Aug.	475.00	4.90	23.28		
	—	9 Sept.	400.70	5.70	22.84		
	—	10 Oct.	431.90	5.56	24.01	6613.60	341.49
Baker, E. H., Gates Mill, Ohio							
Imp. Beauty II. of Maresquet 28233	E	2 June	997.25	3.70	36 90	1411.75	57 77
Imp. Lady Oswald III. 25803	G	3 June	732.75	4.20	30.78	2193 25	93.26
Imp. Magnet of the Isle 25802	G	3 June	786.00	4.40	34.58	2467.50	101.12
Barber, O. C., Akron, Ohio.							
Imp. Daisy Moon II. 28443	D	1 Aug.	864.30	4.00	34.57		
	—	2 Sept.	881.00	4.51	39.73		
	—	3 Oct.	900.70	4.45	40.08	2646.00	114.38
Imp. Ladylike of the Isle 28472	F	1 Aug.	861.10	4.57	39.35		
	—	2 Sept.	896.10	4.68	41.94		
	—	3 Oct.	929.60	4.58	42.58	2686.80	123.87
Imp. Reality of the Fountain V. 28451	E	1 Aug.	928.80	3.69	34.27		
	—	2 Sept.	911.00	4.14	37.72		
	—	3 Oct.	936.00	3.83	35.85	2775.80	107.84
Stella's Favorite 22816	E	1 Aug.	931.00	4.50	41.90		
	—	2 Sept.	927.10	4.42	40.98		
	—	3 Oct.	972.00	4.58	44.52	2830.10	127.40
Barbour, Wm. T., Birmingham, Mich.							
Imp. Lily Valinquet IV. 32030	A	11d Oct.	345.30	5.00	17.27		
Imp. Newgrove Queen II. 27175	A	6 Sept.	942.30	5.23	49.28		
	—	7 Oct.	961.60	4.90	47.12	8409.00	405.16
Beirne, James H., Oakfield, Wis.							
Imp. Conqueror's Violet Le Bas 22598	F	7 Oct.	459.40	6.02	27.66	4744.80	229.91
Imp. Dolly de la Hougue Fouque 23658	E	4 Oct.	763.10	4.39	33.50	3310.80	146.93
Evaline's Nubia 2d 25595	F	12 15d	71.70	8.00	5.74	5826.80	397.71
Imp. Goodwill II. of the Gron 22563	A	9 Oct.	505.10	6.35	32.07	7420.60	454.43
Imp. Lil V. of the Forgettes 23652	A	10 Oct.	520.20	6.33	32.93	7994.50	459.54
Imp. Lord Mar's Princess 25602	G	9 Oct.	325.40	6.45	20.99	4444.20	232.58
Imp. Miriam VI. 27821	A	4 Oct.	671.50	7.04	47.27	3396 60	195.94
Imp. Sequel's Jessie 25601	G	9 Oct.	569.00	4.48	25.49	6729.30	300.34
Imp. Sequel's Lil 25600	G	7 Oct.	510.50	4.47	22.82	4658.40	219.07
Imp. Violet Le Bas I. 22564	B	12 Oct.	207.60	6.13	12 73	6729.70	353.19
Benham, F. G., Canandaigua, N. Y.							
Imp. Bess of the Vrangue 28251	G	2 Oct.	806.90	4.26	34 37	1453.90	65.43
Imp. Blossom III. of the Ponchez 25795	G	10 Oct.	500.90	5.45	27.30	6417.64	337.46
Dorothy of Westbrook 17788	A	7 Oct.	332.50	5.27	17.52	3659.20	210.76
Imp. Forestine III. 22711	C	12 25d	192.60	4.80	9.24	8664 82	447.32
Imp. Hougue Maid I. 22710	B	6 Oct.	530.10	4.59	24.33	4440.90	211.63
Imp. Lady of La Hougue 25793	F	11 Oct.	454.80	5.78	26.29	6523.68	346.92
Imp. Primrose des Prevosts III. 28236	F	8 Oct.	443.20	5.08	22.51	4773.59	229.34
Imp. Red II. of Rondibosch 28234	G	12 Oct.	382.60	6.13	23.45	7293.99	391.49
Imp. Rose VIII. of the Martins 25804	G	6 Oct.	477.30	5.29	25.25	3893 60	193.69
Imp. Rosie des Martins II. 25809	G	5 Oct.	607.90	4.54	27.60	3380.60	145.04
Borden H. T., Swedesboro, N. J.							
Fenella Fern 2d 24749	G	9 Sept.	472.00	5.47	25.82		
	—	10 Oct.	401 80	6.16	24.75	5672.10	291.49
Fenella of Fernwood 16030	A	6 Sept.	643.00	4.98	32.02		
	—	7 Oct.	602.60	4.95	29.83	5366.30	232.26

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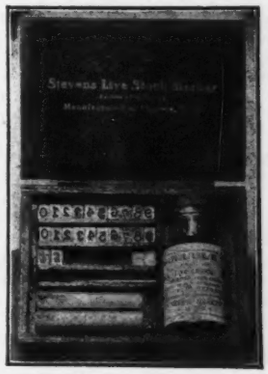

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BOX 770, - - GENEVA, N. Y.

King Edward's Marie Belle 23404	F	9	Sept.	367.10	6.21	22.80		
	—	10	Oct.	295.10	7 37	21.75	5145.80	298.82
Brophy, Truman W., Chicago, Ill.								
Dawn of Ingleside 20321	B	4	Oct	833.80	5.28	44.02	4159.10	207.05
Dolly Dillon 14226	A	9	Oct.	644.10	5.58	35.94	10535.20	462.57
Dolly's Glenwood Girl of Ingleside 27892	G	4	Oct.	695.80	4.74	32.98	3006.70	130.99
Carpenter, Geo. M., Wilkes-Barre, Pa.								
Miranda Buzzard 2d 18486	A	12	29d	391.30	5.50	21.52	8825.40	451.67
Pet's Own 2d 17749	A	10	Oct.	628.80	4.23	26.60	8904.90	358.23
Clark, Ben & Son, Whitewater, Wis.								
Coralou's Glenwood Girl 29248				29.10	6.15	1.79		
	F	11	Oct,	383.50	4.72	18.10	6175.70	309.57
Coralou's Lily 19229	A	11	Oct.	431.90	5.61	24.23	7443.00	426.97
Louan of Richmond 2d 29246	F	12	Oct.	421.90	4 87	20 55		
		1d	Nov.	13.20	4.87	.64	7451.00	377.54
				19.20	7 21	1.42		
Lura Godiva 25243	C	11	Sept.	287.30	4.50	12.93	5928.70	340.94
Lura Lucile 29249	F	10	Sept.	354.60	5.88	20.85	5853.60	308.85
Lura Maud 20372 (Dry 17 days)	A	11	Sept.	51.60	5.93	3.06	6637.40	323.88
Lura Mercedes 29247	E	10	Sept.	339.30	6.02	20.43	6237.90	333.82
Lura Roberta 25241	C	12	Oct.	635.70	4.95	31.47		
		1d	Nov.	22.30	4.95	1.10	6666.60	359.71
Lura's Last 15728 (Dry 18 days)	A	11	Sept.	49.20	5.87	2 89	5645.60	294.87
Mina Kathryn 17985	A	11	Oct.	486.10	4.54	48.61	5984 70	331.83
Clark, J. D., Abington, Conn.								
Latoka Lenfestey 26389	F	8	Oct.	508.70	5.53	28 13	4781.90	243.91
Laurel Lenfestey 26390	G	6	Oct.	488 70	5.47	26.73	3203.70	161.42
Conn. Agricultural College, Storrs, Conn.								
Eurotas Naomi 21559	D	10	Aug.	646.50	5.20	33 62		
	—	11	Sept.	476.80	4.85	23.12	9189.40	440.77
Cooper, Geo. C., Superior, Wis.								
Imp. Beauty of the Adams 26945	G	6	Nov.	520.90	5.03	26.20	3652.40	183.87
Imp. Daisy Bas 26948	G	1	Nov.	698.80	4.89	34.17	1004.70	50.17
Imp. Daisy Moon IV. 26953	G	1	Nov.	1049.70	4.00	41.99	1565.50	63.60
Cooper, John W., Pineville, Pa.								
Imp. Druce's Lily 25575	G	11	Sept.	388.20	5.30	20.57	7212.70	306.82
Jessica's Jewel 24445	E	8	Sept.	380.80	5.54	21.10	5076.80	251.15
Cornell University, Ithaca, N. Y.								
Imp. Mota of the Vauxbelets 31630	G	2	Sept.	587.50	4.59	26.97		
	—	3	Oct.	547.90	4.89	26.79	1598.50	74.88
Corwith, H. N., Bridgehampton, N. Y.								
Creusa of Elmwood 4th 21809	B	3	July	942.81	3.87	36.49		
	—	4	Aug.	1047.13	4.03	42.20		
	—	5	Sept.	938.63	4.41	41 39		
	—	6	Oct.	875.94	4.16	36.44	5941.31	238.05
Lady Elsie of Riverside 21072	A	4	July	879.13	4.60	40.44		
	—	5	Aug.	819.19	4.70	38.50		
	—	6	Sept.	595.63	5.00	29.78		
	—	7	Oct.	512.94	4.99	25.60	5609.89	265.16
Pearl H. of South Valley 23906	B	3	July	633.63	5.17	32 76		
	—	4	Aug.	647.19	5.37	34.75		
	—	5	Sept.	551.88	5.90	32.56		
	—	6	Oct.	499.88	5.60	27.99	3848.18	208.17
Stockbridge Daisy 21212	F	6	July	478.56	6.10	29.19		
	—	7	Aug.	482.44	5.16	24.89		
	—	8	Sept.	348.88	5.87	20.48		
	—	9	Oct.	224.31	5.64	12.65	4615.49	246.94
Stockbridge Rose 21213	C	7	July	461.19	5.25	24.21		
	—	8	Aug.	389.94	5.10	19.89		
	—	9	Sept.	82.13	4.20	3.45	4666.86	238.79
Daniels, F. E., Fort Atkinson, Wis.								
Mistress Folly of Folly Farm 26276	F	1	Oct.	669.90	4.32	28.94		
Imp. Ruth of the Isle 30266	G	4	Oct.	860.40	4.50	38.72	3080 00	134.32
Imp. Taylor's Mabel 30265	G	3	Oct.	773.40	3.71	28.69	2457.40	95.11
Imp. Violet's Pearl 30263	F	3	Sept.	887.40	3.97	35.23	2181.30	80.39
Eastman, S. A., Sheboygan Falls, Wis.								
Dorothy of Maplehurst 21974	E	10	Oct.	579.70	5.26	30.49	7977.10	388.21
Economic's Yolanda 22339	D	10	Oct.	169.90	5.32	9.04	5554.70	273.37
Lulu of Meadowbrook 21875	E	11	Oct.	399.60	6.86	27.41	6912.70	372.11
Pretonia 22651	F	8	Oct.	619.70	4.87	30.18	7052.00	331.15
Prince's Zetella 22989	F	9	Oct.	446.70	5.82	26.00	5683.00	288.76
Sir Galahad's Select 22987	E	7	Oct.	520.80	4.49	23.38	4778.70	213.03
Yolanda's Maid 26898	G	9	Oct.	438.60	4.97	21.80	5848.10	264.63
Fox, A. W. & F. E., Waukesha, Wis.								
Christabel of the Elms 25671	F	12	Oct.	594.30	5.01	29.77	8010.50	364.43
Coral Princess 16524	A	12	Oct.	308.30	6.39	19.70	6641.30	352.40
Ellalee of Paxtang 2d 25669	F	12	Oct.	499.30	5.66	28.26	7347.40	347.95
Emma F. 22677	D	2	Oct.	647 70	4.76	30.83	1035.00	48.99
Essie Jeweller 14265	A	11	Oct.	211.60	6.80	14.39	7212.70	351.37
Glenwood's Harmony of Haddon 3d 27376	C	14d	Oct.	459.30	4.11	18.88		
Jessica of Wasteland 18178	A	2	Sept.	775.20	4.23	32.79	1053.20	43.33
Lady Sequel of Soapstone 24183	G	11	Oct.	495.90	4.49	22.27	6100.00	266.18
Lalla Boots of Chantilly 3d 14973	A	4	Sept.	787.60	4.89	38.51	3745.50	165.38

A very nicely marked Bull Calf, dropped Oct. 12, 1910, from Millwood's Miss Caramel 25743. Sire, Squire Canterbury 10437.

Miss Caramel is giving 48 lbs. of 4.8% milk on 10 lbs. grain, hay and dry fodder.

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Vol. XXI.

of the

Herd Register

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Secretary's Office, - Peterboro, N. H.

Lillie of Poplar Grove 16344	A	12 Oct.	787.60	4.28	33.71	13668.80	504.31
Lorena of Tawawa 20131	B	7 Oct.	284.60	5.80	16.51	4896.60	255.18
Margaret of the Grove 23454	F	2 Oct.	685.10	4.86	33.30	1079.60	51.13
Peggoty 14508	A	11 Oct.	559.20	5.42	30.31	10036.30	479.22
Pleasure's Beauty 25187	G	5 Oct.	662.90	4.74	31.42	3374.00	145.62
Queeny of the Elms 2d 25670	F	11 Oct.	506.00	4.96	25.10	7448.30	348.09
Sequel's Caprice of Haddon 27380	G	12 Oct.	559 70	3.95	22.11	8908.20	362.73
Shop Girl of Haddon 27381	G	5 Oct.	863.40	3.33	28.75	4294.30	150.37
Fretz Wm. F., Pipersville, Pa.							
Imp. Aimable IV. of the Vauquiedor 25580	G	9 Nov.	361.50	7.07	25.56	4359.20	256.45
Imp. Fillpail XXI 26706	G	1 Nov.	517.00	4.09	21.15		
Imp. Golden Rose of the Isle 25576	G	11 Nov.	541.50	5.39	29.19	8564.50	391.08
Imp. Lucassienne III. of the Vauquiedor 25561	F	9 Nov.	322.40	6.80	21.98	4525.40	248.22
Imp. Lucassienne IV. of the Vauquiedor 25581	G	8 Oct.	455.60	4.52	20.59	4065.10	183.44
Imp. Sookey of the Vanquiedor 25582	G	8 Oct.	448.50	5.55	24.89	4339.80	225.83
Fruit Bros., Platteville, Wis.							
Doris of Elmside Farm 2d 23914	F	3 Oct.	688 90	4 33	29.83	2227.10	95.58
Glencoe's Nancy 26461	F	1 Oct.	930.80	3.79	34.90		
Lillian of Maple Lane 29453	F	3 Oct.	704.70	4.35	30.65	2069.10	82.43
Miss Nancy of Canterbury 26465	G	1 Oct.	1011.80	4.49	45.43		
Gill, E. T., Haddonfield, N. J.							
Adella G. 2d 28932	G	18dMay	552.30	4.02	22.20		
	—	2 June	961.90	4.02	38.67		
	—	3 July	805.50	4.17	33.59		
	—	4 Aug.	603 20	4.54	27.39		
	—	5 Sept.	583.30	5.36	31.26		
	—	6 Oct.	682.80	4.40	30.04	4189.00	183.15
Bonnie Girl of Haddon 28924	F	10 Sept.	491.90	5.40	26.56	7084.30	356.44
Crease of Haddon 28923	C	8 Oct.	656.90	5.20	34.16	6458.60	304.62
Glenwood Girl 4th's G. D. of Haddon 28929	G	10 Oct.	329.10	5.90	19.42	5520.20	278.48
Haddon's Jewel 2d 28928	G	9 Oct.	644.80	4.49	28.95	6500.00	269.55
Lucretia's Daughter of Haddon 28926	F	12 21d	477.80	3.96	18 92	7943.70	350.22
Masher's Nubiana of Haddon 28931	G	8dMay	235.10	3.68	8.65		
	—	1 June	900.90	3.68	33.15		
	—	2 July	779.20	3.83	29.84		
	—	3 Aug.	546.20	4.91	26.82		
	—	4 Sept.	555.00	4.04	22.42		
	—	5 Oct.	572.30	4.12	23.58	3588.70	144.46
Gould, William H., Beverly, Mass.							
Dorothy Bay 12828	A	10 Aug.	636.90	4.86	30.95		
	—	11 Sept.	439.60	5.09	22.38		
	—	12 Oct.	485.80	5.98	29.05	9755.50	514.55
Lady Jane Bay 2d 23246	G	10 Aug.	538.50	5.72	30.80		
	—	11 Sept.	383.50	6.19	23.74		
	—	12 Oct.	379.50	6.65	25.24	7315.48	426.42
Lady Jane Bay 3d 30502	F	27dOct.	753.40	5.65	42.57		
	—	2 Nov.	808.70	5.77	46.66	1562.10	89.23
Nell Cooper 2d 19761	A	10 Aug.	902.60	4.86	43 87		
	—	11 Sept.	665.50	5.04	33.54		
	—	9dOct.	228.10	5.42	12.36	12854.88	619.17
Greene, Howard, Genesee Depot, Wis.							
Alexia 2d 18336	A	9 Oct.	517.40	5.38	27.32	7687.40	397.14
Anetta of Brookhill Farm 18192	A	8 Sept.	141.30	8.05	11.37	6183.60	372.68
Imp. Athlone VII. 23216	A	5 Oct.	631.40	5.17	32.64	3702.40	183.11
Calla Lily's Buttercup 18695	A	9 Oct.	261.50	5.13	13.41	6838.50	286.33
Henrietta of Genesee 24710	G	9 Oct.	415.40	6.19	25.71	5535.70	299.31
Squire's Dora 21947	E	9 Oct.	457.90	5.29	24.22	5538.50	304.99
Griscom, C. A., Haverford, Pa.							
Imp. Clara of the Rouvets XIII. 18531	A	10 Oct.	645.90	4.58	29.58	9076.90	458.59
Fay of Soapstone 19324	B	7 Oct.	584.00	5.23	30.54	5596.50	291.84
Griswold, H. W. & H. D., West Salem, Wis.							
Cora May 22244	E	8 Oct.	469.80	5.61	26.36	4958.70	260.57
Countess Leone 21319	C	8 Oct.	400.20	4.87	19.49	4198.40	207 66
Endymion's Primrose 23795	G	11 Oct.	392.70	5.72	22.46	6856.30	373.88
Gypson's Yeksa's Isabella 22365	E	12Oct.18d	187.90	5.28	9.92	8773.50	433.73
Marie B. 21505	C	6 Oct.	541.60	5.12	27.73	4621.40	228.90
My Lady Proud 20190	D	11 Oct.	156.80	5.15	8.08	7938.20	411.50
Sheila of Snowdoun 25228	G	7 Oct.	406.30	5.50	22.35	4090.60	216.51
Sundew of Snowdoun 25229	G	7 Oct.	381.20	6.17	23.52	3040.50	163.04
Yeksalyd 24229	G	12 Oct.6d	62.30	5.83	3.63	7426.70	359.06
Haskell, J. Amory, Red Bank, N. J.							
Fannie of Oak Hill 25288	G	10 Oct.	640.50	5.88	37.66	7245.70	384.26
Glencoe's Lily 17024	A	8 Sept.	500.10	5.73	28.66	5485.10	301.80
Hurdy Gurdy's Granddaughter 24336	A	12 Oct.	397.40	6.27	24.92		
	—	2dNov.	24.90	6.27	1.56	8926.30	458.24
Lina of Penshurst 21321	E	12Oct.20d	306.40	4.86	14.89	9371.30	421.58
Sue Perkins 21844	B	9 Oct.	472.80	6.15	29.08	7360.50	379.73

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Helendale Farms, Milwaukee, Wis.									
Berkshire of Helendale 24441	G	7	Oct.	901.70	4.36	39.31	6278.00	277.98
Carrie of Helendale 23112	G	12	Oct.19d	113.10	8.04	9.09	6457.10	352.32
Electricia of Helendale 24744	G	3	Oct.	836.00	5.03	42.05	2416.20	120.75
Fannie of Helendale 23110	F	8	Oct.	585.90	5.83	34 16	5111.90	301.94
Matin Belle 20696	D	11	Sept.	529.40	6.89	36 48	9323.10	515.61
Matin Belle 2d 25965	G	1	Oct.	937.70	3.41	31.98	989.50	33.75
Matinee Girl 23114	E	2	Oct.	1259.00	4.58	57.66	2788.10	125.39
Old Morn's Glory 25959	G	1	Oct.	966.20	4.71	45 51	1302.00	61.33
Penthesilia 2d 24745	G	3	Oct.	1139.10	4.36	49 66	3069.50	130.05
Rigolette 2d 24444	G	6	Oct.	615.60	5.02	30 90	4035.00	197.60
Will o'the Wisp 24442	F	5	Oct.	763.20	4.62	35 26	4525.70	199 01
Yeksarose 2d 23109	F	6	Oct.	743.60	5.90	43.87	5251.10	294.45
Yeksarose 3d 25957	G	2	Oct.	817.40	5.18	41.82	1294.90	64.93
Yeksa's Pearl 21441	E	11	Oct.	785.90	5 66	44.48	10461.10	481.65
Yeksa Unis 19790	B	2d	May	61.80	4.69	2.90		
	—	1	June	1242.30	4.69	58.26		
	—	2	July	1270.90	4.48	56.94		
	—	3	Aug.	1229.80	4.96	61.00		
	--	4	Sept.	1048.90	5.89	61.78	4853.70	240.88
Hickcox, J. Gilbert, Whitefish Bay, Wis.								
Aldora Queen 22062	A	5	June	1004.60	3.87	38.88		
	—	6	July	845.80	4.00	33.83		
	—	7	Aug.	784.80	3.69	28.96		
	—	8	Sept.	642.10	4.52	29.02		
	—	9	Oct.	696.30	4.63	32.24	9015.70	392 21
Lipamy 14688	A	5	May	798.90	4.86	38.83	4254.60	221.53
Hicks, T. V., Battle Creek, Mich.								
Lady Rooney 11525	A	2	May	1077.50	4.17	44.93	2022.70	86.05
Yeksa Marie of Valley View 28295	G	10	May	655.50	5.17	33.89	6718.80	349.70
Hill, Charles L., Rosendale, Wis.								
Anna Glenwood 24263	G	6	Oct.	488.10	5.39	26.31	3912.20	173.89
Belle Brandon 2d 16741	A	6	Oct.	891 90	4.88	43.52	6419.00	284.33
Carrie K. 16744	A	7	Oct.	673.80	4.69	31.60	6320.80	275.29
Countess Fantine 14730	A	5	Oct.	933.00	5.72	53 37	7036.70	316.16
Imp. Froome's Fascination III. 23569	F	10	Oct.	307.40	5.98	18.38	5686.20	288.75
Glenwood Twilight 24259	G	10	Oct.	205.60	5.52	11.35	5314.00	236.39
Mernalette 2d 14731	A	12	Oct.14d	302.90	5.40	16.35	13225.70	664.53
New Year's Primrose 13449	A	6	Oct.	756.20	5.89	44.54	5257.70	258 24
Hoard, A. R., Fort Atkinson, Wis.								
Bessie of Koshkonong Place 24509	F	8	Oct.	313.80	5.34	16.76	4166 50	188.92
Blossom of Koshkonong Place 24507	A	8	Oct.	234.10	5.59	13.09	5615.50	286.31
Inez of Koshkonong Place 22748	D	7	Oct.	481.50	5.34	25.71	3202.50	186.83
Imp. July Rose of the Chêne 19690	A	6	Aug.	5.80	5.19	3.01	2626.50	135.72
Marcia of Pinehurst 2d 19634	B	8	Oct.	327.00	5.10	16.68	4306 30	204.74
Quinnebasset 14757	A	8	Oct.	393.60	5.14	20.23	4518.80	211.43
Quinne of Koshkonong Place 19125	B	7	Sept.	527.30	5.81	30.64	4641.40	241.09
Hoard, W. D., Fort Atkinson, Wis.								
Contessa's Favorite 16724	A	6	Oct.	662.00	4.54	30.05	5258 80	211.71
Fair Ellen 21963	E	8	Oct.	652.90	5.02	32.78	6523.40	283.70
Income 23943	G	10	Oct.	512.30	6.23	31.92	6636.20	349.51
Imp. Novelty 23944	G	10	Oct.	352.40	7.49	26.39	5847.70	312.53
Voliska 23947	G	6	Oct.	348.50	5.84	20.35	3127.40	146.31
Hollingsworth, M. M. & E. J., Landenberg, Pa.								
Anita of Wasteland 24930	G	5	Oct.	364.10	5.89	21.45	2507.30	127.42
Combination Roselle 24928	G	5	Oct.	452.10	5.00	22.61	2682.90	120.86
Echo of Wasteland 24447	G	6	Oct.	466.40	5.48	25.56	3472.90	152.85
Hope of Landenberg 24487	G	5	Oct.	463.50	5.39	24 98	2764.00	139.45
Lady Trowbridge 2d 23015	E	4	Oct.	797.90	5.18	41.33	3839.10	177.15
Langwater Dolly Dollars 21332	A	2	Oct.	689.00	5.15	35.48	1732.70	81.30
Miss Fearless 21514	C	6	Oct.	553.70	4.82	26.69	3615.20	166.08
Red Rose of Wasteland 23017	E	6	Oct.	462.60	5.56	25.72	3053.60	149.83
Holton, Mrs. George E., Catasauqua, Pa.								
Imp. Giddy Girl of the Bouillon 25560	F	11	Oct.	531.40	6.09	32.36	7213.50	386.56
Imp. Kate Pie III. 25548	E	11	Oct.	709.90	5.71	40.54	10247.50	467.63
Imp. Milk Channel II. 25556	F	11	Oct.	520.00	6.37	33.12	7733.30	394.55
Hope, J. L., Madison, N. J.								
Beldame 17287	A	16d	Aug.	564.25	3.99	22.51		
	—	2	Sept.	1066.50	4.05	43.19	1630.75	65.70
Imp. Chronicle 19555	A	2	Aug.	1007.70	4.44	44.74		
	—	3	Sept.	925.60	4.55	42.11	2716.90	120.94
Imp. Deanie XV. 18917	A	17d	Sept.	708.60	4.22	29.90		
Golden Lassie of Paxtang 24696	D	3	Aug.	1080.35	4.70	50.78		
	—	4	Sept.	1023.85	4.79	49.04	4153.80	186.43
Imp. Rosy of the Palotterie IV. 18897	A	3	Aug.	1037.95	5.60	58.13		
	—	4	Sept.	980.55	5.47	53.64	4030.85	212.87
Hopewell Bros., Natick, Mass.								
Belle of Maple Ranch 18057	A	6	Aug.	1038.10	4.96	51.49		
	—	7	Sept.	922.70	4,92	45.40	8551.00	418.85
Radiant Rose 22276	E	9	Aug.	559.90	5.21	29.17	6643.47	327.93

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Howe, Henry W., Bedford Hills, N. Y.								
Imp. Iris of the Fontenelles 26678	G	3	Oct.	436.80	4.88	21.32	1577 00	69.69
Imp. Little Nell II. of the Quatre Vents 23229	A	2	Sept.	535.20	4.09	21.89	1504.40	60.37
Little Rose of Beaver Ridge 25345	G	3	Oct	424.90	4.40	18 70	1343.80	58.31
Hotchkiss, F. A., Millerton, N. Y.								
Imp. Duchesse d'Angouleme 27490	D	3	Sept.	579.90	5.81	33.69	2291.00	128.78
Imp. Garenne's Daisy III. 27493	F	3	Sept.	504.00	5.80	29.23	1842 10	95.48
Imp. Minnehaha of the Isle 27488	A	6	Sept.	610.30	5 53	33.75	4996.80	253 07
Imp. Royal Lady of the Isle 27500	G	5	Sept.	432.20	5.71	24.68	3292.50	143.20
Hudson, J. F., Windham, Ohio.								
Violet Pitcher 21324	B		July	211.50	5.02	10.62		
		19d	Aug.	32 40	5.02	1.63	6421.30	289.40
Iowa State College, Ames, Iowa.								
Imp. Dairy Maid of the Camp Joinet 28339	G	6	June	447.90	4.98	22.31	3175.80	171 97
Imp. Jewel's Guernsey Lily 28333	F	6	June	538.50	4.19	22.56	3532.00	150 34
Imp. Masher's Guernsey Lily 28332	F	6	June	562.70	4.15	23 35	3813 60	164.88
Imp. Rouge II. of the Brickfield 28335	F	6	June	1068.70	4.81	51.40	5741.60	296.70
The Jean Du Luth Co., Duluth, Minn.								
Contrast 21964	E	7	Oct	461.40	5.06	23.35	4696.70	221.66
Lime Belle 29191	A	5	Oct.	552 90	4 71	26.04	3358 50	164 08
Starlight's Fern 21567	E	11	Oct.	484 20	4.91	23.77	7154.20	336.05
Jones, Charles H., Wellesley Farms, Mass.								
Imp. Bon Espoir XIV. 26691	G	1	Nov.	792.40	4.26	33.76		
Bonny Deanie 17086	A	27d	Sept.	1208.70	4 31	52 09		
	—	2	Oct.	1557.00	4.31	67.11		
	—	3	Nov.	1485 30	3.98	59.11	4251.00	178.31
Imp. Italia of the Isle 26640	D	11	Oct.	663.70	4 97	32.99		
	—	10d	Nov.	217.20	4.97	10.79	10409.30	515.06
Nora Wayland 22193	B	6	Oct.	1037.20	4.99	51.76		
	—	7	Nov.	982.60	4.96	48.74	8332.60	385.64
Sultan's Bonny 25396	G	12	Oct.	739.00	4.87	35 99	11038.80	478.98
Imp. Tourterelle IX. 26625	A	11	Oct.	195.90	5.38	10.54		
	—	6d	Nov.	32.60	5.38	1.75	6563.20	335.04
Yeoman's Golden Scarf 23774	G	11	Oct.	421.70	5.12	21.59		
	—	5d	Nov.	65.90	5.12	3.37	6968.50	317.15
Jones, William M., Waukesha, Wis.								
Imp. Daisy of Pulias 27828	F	9	Oct.	608.60	6.05	36 82	7193 20	382 86
Dawn's Dawn 2d 20433	C	10	Oct.	251.90	6 79	17.10	6582.10	378.66
Dora's Ada 22416	D	3	Oct.	753.30	5.18	39.02	2109.50	107.01
Gentle Sue 20300	A	10	Oct.	428.10	6.00	25 69	8379.80	400.64
Golden Bow 2d 20369	C	9	Oct.	174.40	5.61	9 78	6234.90	326.16
Gypson's Fontennelle 18760	B	11	Oct.	606.40	4.11	24 92	9405.50	364.97
Imp. Hauteville Rose IV. 27829	E	21d	Sept.	592.90	4.51	26.74		
	—	1	Oct.	830.90	4.51	37.47	1423.80	64.21
Hillside Countess 18694	A	11	Oct.	244.90	5.93	14.52	7694.10	392.88
Little Gem's Pearl 21459	C	11d	Sept.	328.20	4.42	14.51		
	—	1	Oct.	944.10	4.42	41.73	1272.30	56.24
Lizette 19429	A	3	Oct.	789.80	4.66	36.8	2761.90	130.47
Lord Yeksa's Kate 21458	C	2	Oct.	936 70	4.73	44 31	2076.80	98.23
Royaline's Castello 17376	A	9	Oct	634.00	4.99	31.64	8663.40	383 54
Royaline's Dora 17375	A	7	Oct.	783.40	5.44	42.62	6839.70	333 95
Royal Trislette 16882	A	3	Oct.	803.40	4.65	37.36	3256 60	149 35
Tricksey of Waukesha 19016	G	3	Oct.	1042.70	3 89	40.56	2815.50	115.00
Tristan's Dora 13310	A	11	Oct.	486.2	5.26	25.57	9094 40	432.79
Uhlma's Countess 18761	B	8	Oct.	621.6	5.26	32.70	7242 60	378 50
Lewis, Alfred G., Geneva, N. Y.								
Blanchflower of Lewison 23765	F	10	Nov.	336.00	5.80	19 49	6128.50	295.09
Imp. Raymond's Desirée 27546	D	5	Nov.	654.90	4.58	29.99	4746.30	180.54
Imp. Raymond's Poundstock 27553	F	12	24ds	371.90	5.64	20.98	9221.40	440.16
Imp. Raymond's Stella 27555	F	11	Nov.	446.40	4 94	22.05	7239.40	310 39
Imp. Torteval of Vimiera 26652	E	10	Nov.	570.90	5.34	30.49	7592.10	334.70
Loring, Albert C., Excelsior, Minn.								
Annetta of Woodcrest 23812	C	21d	Nov.	580.80	4.36	25 32		
Celestine McQueen 26613	G	1	Nov.	631.70	4.28	27.04		
Imp. Fanny of the Clos Hoguet 25816	G	10	Oct.	390.00	5.33	20 79	4409.70	231.86
Glendetta Marshall 25402	G	3	Nov.	567.40	5.24	29 73	1799.50	84.91
Hermosa Mc Queen 24405	F	10	Oct.	467.40	5.51	25.75	5698.20	272.11
Katonah's Deanie 23929	E	3	Nov.	437.90	5.70	24.96	1525.60	79.42
Mayflower Marshall 24703	F	2	Nov.	738.90	4.93	36.43	1487.50	63.53
Odetta Marshall 25403	G	3	Nov.	370.10	5.36	19.84	1179.20	58.59
Love, George W. & Son, Garrettsville, Ohio.								
Belle of Birchton's Beauty 19274	A	3	Nov.	1511.50	4.10	61.97	3969.10	156.86
Cheer of Guernsey Hill 15406	A	9	Nov.	507.00	7.40	37.52	6628.40	352.31
McCausland, George G., Woodstock, Vt.								
Fillmore's Miss Chauntress 25398	G	11	Sept.	476.40	6.60	31.44	6752.73	361.64
Mc Connell, C. M., Woodstock, Ohio.								
Darthea of Soapstone 2d 24184	G	7	Oct.	658.90	5.82	38.35	5902.90	302.86
Mackay Clarence H., Roslyn, N. Y.								

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Masher's Baby Glenwood 24778	F	5	Oct.	715.80	5.39	38.58	4066.30	195.12
Macy V. Everit, Ossining, N. Y.								
Caroline of Chilmark 24812	G	4	Nov.	572.30	4.08	23.35	2639.20	100.74
Chenette 23125	F	20d	Nov.	335.70	5.09	17.09	9005.90	417.72
Cora's Beatrice 24808	F	6	Nov.	587.50	4.86	28.55	4054.60	184.17
Countess of Chilmark 24807	G	8	Nov.	413.40	5.27	21.79	4396.90	216.40
Imp. Cowslip of Bickleigh 28724	G	9	Nov.	383.90	6.10	23.42	4632.80	247.01
Golden Lenore 24811	G	6	Nov.	546.60	4.52	24.71	3900.60	164.88
Golden Queen of Chilmark 24813	G	6	Nov.	566.90	4.50	25.51	4252.90	171.70
Governess of the Isles 24815	G	3	Nov.	635.00	4.13	26.23	1924.00	76.69
Governor's Nosegay 26239	G	2	Nov.	779.80	3.87	30.18	2086.60	87.79
Honoria of Chilmark 21985	E	7	Nov.	468.80	5.10	23.91	5118.90	236.58
Imp. Miss Jeannette 28719	F	6	Nov.	397.50	6.02	23.93	3474.90	175.43
Queen of Chilmark 24809	G	9	Nov.	392.00	5.66	22.19	5325.10	271.22
Maine, University of—Orono, Me.								
College Creusa 25661	G	1	Sept.	873.10	4.40	38.42		
	—	2	Oct.	749.00	4.40	32.96	1622.10	71.38
Marsh, W. W., Waterloo, Iowa.								
Imp. Caridad 23560	D	8	Oct.	789.10	4.05	31.96	7318.70	300.77
Imp. Fleurie III. of the Gouies 28330	F	12	20ds	439.50	5.45	23.95	9512.20	466.66
Lassie of Ledyard 2d 24877	A	6	Aug.	735.50	5.47	40.23	5999.20	300.10
Imp Violet II. of the Grandes Capelles 28328	G	7	Sept.	750.50	5.30	39.78	6800.50	325.99
May, Edward Porter, Framingham, Mass.								
Imp. Bon Espoir XII. 26636	B	3	Oct	746.20	3.84	28.65	2017.30	76.95
Caprice of Haddon 24332	G	10	Oct.	703.90	4.90	34.49	8038.90	400.67
Coquette of Haddon 24333	G	8	Oct.	679.30	4.97	33.76	5813.50	283.12
Lady Lesbia 25142	G	10	Oct.	519.50	5.82	30.23	6590.30	351.48
Meeker, Arthur, Lake Forest, Ill								
Imp. Beauty of the Duvaux 22536	A	11	Oct.	848.90	4.64	39.39	11791.10	501.60
Imp. Christine of the Isle 22532	A	8	Oct.	325.50	5.34	17.38	6035.20	269.51
Darthea of Hilltown 20221	B	7	Sept.	600.90	4.72	28.36	4917.10	218.90
Imp Geddis of the Grand Fort IV. 22551	D	9	Oct.	591.70	5.41	32.01	5806.60	281.41
Golden Buttercup of Homestead 20316	A	8	Oct.	381.80	6.24	23.82	4885.70	247.77
Imp. Newgrove Queen VII. 23566	E	3	Oct.	764.80	4.49	34.34	2158.60	98.17
Imp. Normande of Anneville 23565	F	11	Oct.	431.60	5.08	21.93	6407.40	309.16
Imp. Rose of the Courtil Blicq 22544	B	11	Oct.	524.40	4.89	25.64	9216.10	414.16
Meltz, Emery C., Appleton, Wis.								
Maude Iris of Highland 23859	F	8	Oct.	565.19	5.50	31.09	6454.52	337.39
Michigan Agricultural College, Lansing, Mich								
College May 27224	E	10	Aug.	435.50	5.31	23.13	5615.25	300.74
Miss Hopeful 18622	A	8	Aug	644.40	5.47	35.25	6120.20	333.81
Morningside Farm, Cadillac, Mich.								
Alverda of Pittsfield 18074	B	11	Apr.	509.60	5.54	28.23	8668.10	402.06
Belle of Richland 29696	G	6	Apr.	798.20	4.36	34.80	4686.00	205.21
Butterwitch of Maplehurst 16975	A	2	Apr.	1555.40	3.93	61.13	1749.10	291.91
Kew 13650	A	5	Feb.	630.00	4.50	28.35	4072.20	177.32
Northern Belle 15397	A	5	Apr.	762.70	6.07	46.30	4784.60	258.56
Northland Queen 15947	A	6	Feb.	352.30	6.05	21.31	3913.70	207.08
Natoma Farm, Hinsdale, Ill.								
Imp. Marbell 18346	A	5	Oct.	723.80	3.87	28.01	3875.30	152.92
Imp. Natoma Abyssinia 23116	D	8	Aug.	638.20	4.77	30.44	4329.20	211.48
Natoma Aline 23586	E	2	Oct.	627.10	4.28	26.84	1624.50	64.74
Oglebay, E. W., Elm Grove, W. Va.								
Imp Donnington Ermine 32397	A	2	Oct.	1000.00	4.80	48.96	2702.80	122.44
Imp. Donnington Gem 32399	B	3	Nov.	723.60	4.80	34.73	2456.10	114.43
Marshall's Sultana of Waddington 24556	F	3	Nov.	670.90	4.90	32.87	2277.50	115.69
Imp. Muriel of Kent 32400	E	5	Nov.	508.80	5.40	27.48	2257.10	152.84
Rosette of Waddington 22781	B	1	Nov.	961.30	3.90	37.49		
Imp. Yarra Yarra VII. 28520	A	7	Nov.	544.10	5.70	31.01	5466.50	275.30
Pearson, H. H., Jr., Claiborne, Md.								
Bloomfield Ednah 20758	C	4	Oct.	915.60	5.29	48.44	4439.90	184.01
Bloomfield Pandora 20760	D	8	Nov.	668.90	5.38	35.99	6620.30	318.81
Cora of Elm Shade 17711	A	9	Nov.	684.90	5.21	35.68	8534.45	384.64
Imp Froome's Queen 28706	A	6	Nov.	892.20	5.40	48.18	6626.50	317.36
Phillips, Frederick, Villa Nova, Pa.								
Imp Lisette III. of the Bourg de Bas 29368	G	9	Oct.	554.90	4.97	27.58	6747.00	318.04
Merisan 18997	B	10	Oct.	190.90	7.60	14.51	7457.80	396.63
Imp Mota of the Isle 27533	A	11	Sept.	393.10	4.67	18.36	9201.90	428.88
Imp. Sundari XXIV. 26624	A	19d	Oct.	231.80	5.77	13.37	7737.10	435.98
Phillips, M. T., Pomeroy, Pa.								
Bridget's Sequel 29798	C	7	Oct.	433.70	6.27	27.19	6175.70	311.22
Goldie's Irene 28852	F	8	Oct.	404.20	5.28	21.34	5656.40	248.87
Pride of Gerar 17724	A	11	Oct.	406.90	4.67	19.00	8383.00	387.36
Ramee's Rose of Soapstone 28757	G	10	Sept.	88.10	8.19	7.22	5421.80	271.98
Post, Otto W., Ensenore, N. Y.								
Enola Bay 25060	G	10	Oct.	423.90	4.64	19.67	6760.00	350.79
Guinette's Pride 3d 24958	G	5	Oct.	800.40	5.30	42.42	4380.20	222.02
Onondaga's Dorothy June 21476	D	7	Oct.	462.00	4.26	19.68	5511.40	253.85

New Secretary American Jersey Cattle Club.

The following has been received from the office of the A. J. C. C.:

At a meeting of the Executive Committee of the American Jersey Cattle Club held December 9, 1910, there being present Mr. E. A. Darling, President; Mr. F. W. Ayer, Vice-President; Messrs. C. I. Hood, H. S. Redfield and G. W. Sisson, Jr., the following communication was read by the President:

Elmer A. Darling, Esq.,
President American Jersey Cattle Club:

Dear Mr. Darling: On account of the increasing business of the Club and the additional responsibility connected therewith, I feel that I am unable, in my present condition of health, to perform the duties of my office to my satisfaction and as they should be performed; and I therefore tender my resignation as Secretary of the Club, said resignation to take effect immediately.

Although perhaps I should make no suggestion in the matter, my long association with Mr. R. M. Gow, and personal observation of his work in the office, lead me to the conclusion that the Board of Directors cannot do better than to appoint Mr. Gow as my successor.

(Signed) J. J. HEMINGWAY.

The resignation of Mr. J. J. Hemingway was accepted by the Committee, and he was appointed Secretary Emeritus.

The vacancy created by the resignation of Mr. Hemingway was filled by the appointment of Mr. R. M. Gow as Secretary of the Club.

The above action was unanimous, as was also the adoption of the following resolution:

RESOLVED, That in accepting the resignation of Mr. J. J. Hemingway as Secretary of the Club, the Executive Committee desires to place upon the minutes of the Club evidence of its sincere appreciation of his twenty-four years of faithful service, his constant watchfulness of all the interests of the Club, and his unvarying courtesy.

(Signed)
E. A. DARLING, President
F. W. AYER, Vice-President
C. I. HOOD
H. S. REDFIELD
G. W. SISSON, Jr.
Executive Committee.

The Guernsey Doctor.

SOME UDDER TROUBLES.

Editor New York Farmer:

I have a cow, a grade Guernsey, due to calve in two months. She is still giv-

Tritoma's Queen 22617	D	4 Oct.	817 50	3.93	32.13	4242.60	204 24
Rice, Est. W. B., Peterboro, N. H.							
Climax's Camilla 26021	E	11 Oct.	514.20	5.55	28.54	9083.70	446.02
Countess Louise 17124	A	10 Oct.	581.60	5 45	31.70	9106.50	451.80
Roberts, T. W. & I. W., Bala, Pa.							
Golden Preel of Pencoyd 23369	F	8 Sept.	664.60	5.12	34.03		
	—	9 Oct.	638.70	5.23	33.40	7478.70	363.93
Lady Norwood of Spotswood 15996	A	8 Sept.	435.60	4 95	21 56		
	—	9 Oct.	249.80	5.90	14.74	7694.40	363 17
Quaker Maid of Pencoyd 24233	F	1 Oct.	1060 00	5.40	57.24		
Rowlands, Richard, Waukesha, Wis.							
Alphea of Cilmaenen 18323	A	9 Oct.	371.20	5.15	19.12	6385.20	316.18
Cilmaenen's Glenwood Girl 18324	A	8 Oct.	502.10	6 46	32.44	6778.00	382.50
Eagle Bell 18116	A	9 Oct.	493.20	4.51	22.24	8405.20	357.20
Rozema, Henry, Fremont, Mich.							
Arvon's Julia 17244	A	12 Oct.	560.90	5.25	29.45	10293.80	514.06
Lalla of Lakeview 23421	C	6 Oct.	638.40	4.70	30.00	4839.90	215.84
Vanity of Lakeview 23458	D	6 Oct.	520.30	4.73	24.61	4105.80	177.53
Sawyer, Edgar P., Oshkosh, Wis.							
Yeksa Dot 22952	G	24d Oct.	422.55	4.47	18 89	7368.20	352.58
Schmit, A. N., Appleton, Wis.							
Belle of Hillsdale 21220	C	8 Oct.	853.20	4 35	37.11	8387.90	397.47
Clara of Hillsdale 21216	A	8 Oct.	1266.00	4.02	50 89	13097.40	531.06
Lucania 22653	D	7 Oct	670.20	5.21	34.92	6160.60	311.02
Scoville, Robert & Herbert, Chapinville, Conn.							
Annelea of Grasslands 24895	F	21d Oct.	530.00	4.31	22.84		
Annieanlouise 12130	A	11 Oct.	534.20	5.02	26.82	8479.80	401.86
France J's Masher's Minette 22371	E	11d Oct.	158.10	53.4	8.44	6970.20	321.71
Imp. Galaxy's Lady Financier 21805	C	22d Sept.	244.10	4.26	10 40		
	—	1 Oct.	903.10	4.26	38 47	1147.20	48.87
Imp. Lady Financier 19669	A	11 Oct.	489.50	5.11	25.01	8123.00	350.74
Lady Rothlind 20068	B	8 Oct.	823.10	4.77	39.26	9169.70	400.54
Imp. Richesse of the Chêne XVI. 19686	A	6 Oct.	691.40	5.44	37.61	4654.30	227.09
Russet Velvet 22286	E	5 Oct	814.70	4.00	32 59	4616.00	172.23
Sebenius, John Uno, Duluth, Minn.							
Plough Girl 25399	G	8 Oct.	506.60	5 72	28 98	4655.50	236.65
Suzanne of Trianon 28682	F	2 Oct.	713.70	5.12	36.54	1847.30	80 4
Shoemaker, S. M., Eccleston, Md.							
Anton's Frances 27291	E	21d Sept.	602.00	4 30	25 89		
Cardinal's Agnes 27292	G	11 Sept.	411.40	5 30	21 80	6538.30	291.50
France's Milk Maid 15341	A	1 Sept.	1233.20	4.25	52 41		
Frolic's Quintilla 18796	B	6 Sept.	668.30	4.90	32.75	5917.80	271.78
Imp. Gracieuse VII of the Ramée 18920	B	8d Sept.	131.70	4.80	6.32	9102.00	383.27
Masher's Sharon 27290	F	6 Sept.	599.80	4.70	28.19	5126.50	197.81
Pride's May Rose 25023	G	10 Sept.	605 50	4.40	26.64	7677.20	313 15
Proda's Sultana 2d 27288	F	4 Sept.	495.80	5.70	28.26	2481 30	131.08
Rumely's Rose 25024	G	9 Sept.	511.30	5 80	29.66	5765.00	284 67
Smith, Horace T., Buckmanville, Pa.							
Lady Elm 19400	B	7 Oct.	464.00	6.28	29.14	4822.10	258.82
Lady Elm 2d 24911	G	7 Oct.	386.25	6.49	25.07	3716.60	210.70
Smith, Louis E. P., Holliston, Mass.							
Comely Rose 17292	A	4 Oct.	1111.80	5 21	57.92	4518.60	207 75
Queen of the Roses 24999	D	3 Oct.	1202.10	4.90	58.90	3820.15	169 64
Rutila's May Rose 24946	G	3 Oct.	838.75	5.73	48.06	2987.30	149.84
Strawbridge, Mrs. E. W., Moorestown, N. J.							
Beth J. 20005	B	7 Aug.	1004.20	4.93	49.51	7580.30	395.28
Beulah of Pittsgrove 2d 26042	D	11 July	403.20	5.47	22.06	6217.40	341.91
Jedetta 3d 21496	E	7 July	804.80	4 41	35.49		
	—	8 Aug.	782.00	4.42	34 56	7385.60	316.02
Jedetta of Pinehurst 2d 25704	G	8d July	144.50	4.27	6.17		
	—	1 Aug.	639.10	4.27	27.29	783.60	33.46
Lady Stranford of Pinehurst 2d 26215	G	7 July	302.60	6.21	18.79	3204.40	187.42
Lizette of Pinehurst 24657	G	9 July	463.20	5.37	24.87	4709.20	249 93
Marguerite of Pinehurst 24658	G	7 Aug.	956.30	4.80	45.90	6362.50	292 85
Nora B. 24322	A	8d May	284.30	4.56	12.96		
	—	1 June	1244.00	4.56	56.73		
	—	2 July	1101.30	4.35	47.91		
	—	3 Aug.	1136.90	4.62	52.52	3766.50	170.12
Norah of Pinehurst 16334	A	9 July	721.60	5.19	37.45	7346.40	363.40
Selma of Pinehurst 14521	A	28d May	1305.40	4.70	61.35		
	—	2 June	1452.10	5.53	80.30		
	—	3 July	1364.90	5.33	72.75		
	—	4 Aug.	1391.80	5.44	75.71	5514.20	290.11
Selma of Pinehurst 2d 19626	A	9 July	677.60	5.37	36.39		
	—	10 Aug.	661 80	5.27	34.88	7353.60	410.32
Selma of Pinehurst 3d 23798	B	28d June	1019.30	4.65	47.40		
	—	2 July	1076.40	4.53	48.76		
	—	3 Aug.	1078.10	4.69	50.56	3173.80	146.72
Selma of Pinehurst 4th 25703	G	9 Aug.	682.90	5.45	37.22	7665.80	410.09

ing a little milk, several quarts a day. Would it be well to milk her as long as she gives milk, or would it be better to dry her off for a short time before she calves.—Beginner, New Jersey.

Physiology, common sense, science, theory and practice point to the great value of a rest for the milk cow between her calvings. Dry her off for at least six weeks before she calves. Eight weeks would be better. The resting is necessary. The milk cow is a high-strung animal whose work is very exacting, and a holiday will do her good. Some cows are so persistent milkers that it is not easy to dry them off, and some dairymen milk some cows from calf to calf, year after year, without doing them any apparent harm, but the great majority of cows are benefited greatly by being turned dry six, seven or eight weeks before each calving.—*N. Y. Farmer.*

The Cow Due to Freshen.

It is not an uncommon occurrence to neglect the cow which is due to freshen, whereas if proper attention was given her up to this time, she should produce exceptional results. Give her sufficient and proper feed as this will encourage the development of a large udder.

A swollen udder after freshening would indicate that she is a good cow, because it is the large flow of milk which causes the distension of the udder. It is at this period that the average stock owner is apt to err in allowing the calf to nurse its mother, owing to the fact that the calf has a tendency while nursing to bunt the udder, thus causing increased irritation.

Too much stress cannot be laid upon the importance of caring for the udder, it being advisable to apply soothing applications in case same is unnaturally swollen or caked.

A mild tonic is often advisable where there is an unnatural swelling of the udder as it has a better effect than outward applications.—Dr. David Roberts in *N. E. Farmer.*

Sore Teats in Cows.

Dirty hands in milking cows causes much of the trouble. While there is a multitude of causes for sore teats, it is safe to say that in the great majority of cases the trouble can be traced directly to the soiled hands of the milker coming in contact with a scratch or injury on the teat, which the animal may easily have gotten in the pasture; it might also be said that in a large measure the troubles associated with both the udder and the teats might be avoided by proper attention to neatness. Cleanliness in grooming and keeping the udder and teats free from soil, and particularness on the part of the milker in keeping his hands clean

Taber, Est. Harmon E., Castile, N. Y.							
Antoinette Doyle 22234	C	23d Oct.	681 60	5.45	37.15		
Mignonette of Maple Row 27265	G	5 Oct.	683.90	6.15	42.06	3693.90	193 14
Princess Louise of Maple Row 27266	G	26d Oct.	620 30	5.26	32 63		
Queen Elizabeth of Maple Row 27264	G	16d Sept.	273.40	5.65	15.45		
	—	2 Oct.	511 30	5.65	28.89	784.70	44.34
Queen Willma 22230	A	4 Oct.	962.70	4.90	47.17	4671.60	216.51
Tallman, G. B., Fayetteville, N. Y.							
Buttercup of Woodside 27143	D	7 Aug.	739.10	4.58	33.85	5317.40	253.13
Charlotte B. of Folly Land 24258	G	8 Aug.	691.80	4.79	33.14	6538.50	344.79
Clover Leaf of De Ruyter Stock Farm 23411	G	11 Aug.	470 10	4 06	19.09	6552.72	298.46
Dorothea K. 24430	A	3 Aug.	1008.90	4 46	45 00	3878.70	178.92
Florodora of Maple Glen 25306	G	2 Aug.	831 20	4.17	34.66	1373.00	60.83
Lady Chilmark 2d 21330	D	6 Aug.	739.70	4 89	36.17	4550.90	214 71
Lawton's Namouna 23178	G	11 Aug.	490.10	5.57	27 30	6412.60	323.86
Patrician Nelly 19441	A	27d July	579.10	4.78	27.68	8612.00	353 11
Queen of Folly Land 24257	G	11 Aug.	542.70	4.86	26.38	6604.20	371.30
Sprightly of Maple Glen 2d 24618	G	8 Aug.	485.10	4 98	24.16	4295 40	216.72
The Goods 26820	G	2 Aug.	657.40	5.12	33.66	1161.40	61.63
Tarbell, Gage E., Smithville Flats, N. Y.							
Carosa's Queen 25724	G	3 Oct.	604.80	4.66	28.18	2111.90	99.67
Lady Frances of Tarbell Farms 25166	G	5 Oct.	759.60	5.15	39.12	3833.90	176 30
Mamy of Vlomans Kill 12892	A	8 Oct.	405.90	5.12	20.78	5666.70	262.67
Olivia of Ingleside 19837	A	8 Oct.	551 30	5 89	32.47	6165.50	308.10
Quercus Maid 25643	G	21d Oct.	508.20	4.59	23.33		
Sue of Tarbell Farms 21747	D	6 Oct.	967.20	5.05	48 84	7195.10	358.71
Tarbell Farms Ruth 26251	G	3 Oct.	583.60	3.77	22 00	2162.80	91.37
Taylor, H. A. C., Newport, R. I.							
Kitty of the Glen 23623	G	11 Oct.	830.60	4.93	40 95	9922.00	455.42
Pearl Maiden of the Glen 23622	G	11 Oct.	1120.60	5.12	57.37	11995.80	568.18
Taylor, Moses, Mount Kisco, N. Y.							
Peppina of the Glen 25741	G	2 Nov.	795.70	4.66	37.08	1708.00	81.42
Roberta of Annandale 24472	F	3 Nov.	787.90	5.56	43 81	2295.60	119 31
Tichenor, Myron H., Oconomowoc Wis.							
Imp. Donnington Heartsease 32422	D	1 Oct.	833.40	5 20	43.34	1110 40	57.08
Pearl of Linden Home 24783	F	2 Oct.	784 30	4.45	34.90	1739 30	75.49
Tratt, Ralph, Whitewater, Wis							
Bonnie Florine's First 13117	A	7 Oct.	792.70	4.24	33.61	5764.70	241.89
Casterilius's Auricle 28603	G	5 Oct.	756 20	4 65	35 16	4286.20	179.92
Derilius's Ramona 26485	A	8 Oct.	547.20	4.57	25.01	5557.90	241.17
Janilly 29042	E	8 Sept.	388.10	5.01	19.44	5533.30	253.13
Mariculius 2d 28607	G	6 Oct.	534.40	4.65	24.85	3627.10	157.20
Imp. Rosette I. of the Baissieres 28535	B	9 Oct.	652.00	4.19	27.32	7107.30	315.62
Stranford's Derinna 28602	G	10 Oct.	627.50	5.24	32.88	7301.10	340.74
Trislette's Luetta 2d 28606	G	6 Oct.	598.50	4.45	26.63	3634.10	162.54
Imp. Vazon Rosé II. 28571	F	7 Oct.	586.90	4 45	26.12	4793.40	200.04
Tuttle, Howard B., Naugatuck, Conn.							
Frasquita 26388	F	11 Oct.	346.00	7.08	24.50	5756.40	316.48
Ladona Lenfesty 26380	D	10 Oct.	485 30	7.02	34.07	6586.40	386.91
Romadka 26382	C	6 Oct.	469.40	5.70	26.76	3517.80	177.36
Vaux, Mis M. M., Bryn Mawr, Pa.							
Amie Garfield of Haddon 24351	C	8 Oct. 4d	24.10	5.24	1 26	3725.60	172.83
Bloomfield Miranda 22343	E	8 Oct.	441.50	5 54	24.46	4549 50	241.06
College Girl of Haddon 23870	D	2 Oct.	660.90	4.49	29.67	1443.70	61.15
Countess M. of Haddon 20568	B	7 Oct.	404.70	5.19	21.00	4029.10	210.52
Dorothy Vernon of the Elms 15691	A	8 Oct.	633.40	4.99	31.61	6007.30	284.88
Glenwood's Primrose 26497	G	8 Oct.	347 60	4.49	15.61	3414.40	155.25
Glenwood's Silver Girl 23871	E	8 Oct.	548.70	5.43	29.79	4977.90	265.55
Imp. Millette II. of the Baissiere 30260	F	5 Oct.	587.20	4.53	26.60	3229.50	156.40
Imp. Pandora of Lilyvale II. 18547	A	5 Oct.	654.70	4.40	28.81	3736.40	169.56
Imp. Surabbi XI. 28707	A	7 Oct.	545.40	4.05	22.09	4752.80	193.12
Viola Allen 21818	E	8 Oct.	555.00	6.30	34.97	5542.40	326.44
Walter, Edward A, Walworth, Wis							
Imp. Galaxy's Gracieuse 23571	F	4 Sept.	573.50	4 10	23.51	2333 70	84.78
Welles M. L., Rosendale, Wis.							
Cottie Beatrice 29895	G	7 Oct.	371.60	5.85	21.74	3258 96	171 32
Falecia of Birchwood 25785	G	3 Oct.	557.70	5.65	31.51	2350.00	105.37
Primrosedale 2d 14360	A	8 Oct.	789.00	4.87	38.42	10470.30	416.35
Whitcomb, E. R., Milwaukee, Wis.							
Bessie Comba of Maplewood 19013	A	11 Oct.	679 60	5.17	35.14	9383.60	442.38
Daisy of Willowdale 24951	C	10 Sept.	58.70	5.40	3 17		
	—	11 Oct.	785.80	5.40	42.43	6337.20	366.71
Imp. Golden Rose of the Effards 23570	F	11 Oct.	452.20	6.61	29.89	5876.10	336.85
Hazel of Maplewood 20393	A	5 Oct.	570.00	5.82	33.17	3333.00	153.79
Lela Esther 15907	A	4 Oct.	626.00	4.22	26.42	3047.80	115 98

(Continued on page 33.)

and soft, instead of rough and stiff are very important items. It takes but a few minutes to wash and wipe the udder and teats if found soiled in the morning, the washing and wiping dry with a soft cloth will relieve the strain upon the cow's udder if full and she will give down her milk more readily in consequence.—*Minnesota and Dakota Farmer.*

Cow Leaks Milk.

I have a very fine cow. She has been giving milk for about three months, but has now commenced to leak her milk. About two hours before milking she will begin to lose the milk. Can I use anything, or can anything be done to stop it?—M. M., Sheboygan County.

Nothing can be done with a cow that leaks her milk, more than to milk her three times a day. If milked at noon, the udder will not become so swollen with milk as to cause leaking. It is sometimes advisable to let the calf suck a cow that leaks her milk. It is a fact that continual wetting of the teats and continual nursing of the calf tends to make cows milk hard. This may have some effect if followed up, but probably not very much.—*Wisconsin Agriculturist.*

Which is the Best Breed?

How often does that question come up? It is constantly asked, and, we may say never satisfactorily answered. Which girl will make the best wife? There are a host of men trying to find out, says Hoard's Dairyman.

On the cow question the following classification by Prof. F. E. Woodward, of Utah, is comprehensive, fair and just:

Ranked with reference to the amount of milk produced, the breeds stand as follows: Holstein, Ayrshire, Guernsey and Jersey. With reference to richness of milk: Jersey, Guernsey, Ayrshire, Holstein. With reference to color of milk: Guernsey, Jersey, Ayrshire, Holstein. With reference to size: Holstein, Ayrshire, Guernsey, Jersey. With reference to early maturity qualities: Jersey, Guernsey, Ayrshire, Holstein. With refernce to ability to rustle for a living: Ayrshire, Jersey, Guernsey, Holstein.

There is very little difference in the amount of butterfat that is produced on the average by various breeds. There is a great deal more difference between the individuals of a breed, than between the breeds. Good cows are found in every breed. And poor cows are found in every breed. A good Holstein is better than a poor Jersey, and a good Jersey is better than a poor Holstein. The selection of a breed, then, is not of

(Continued on page 33.)

Every Guernsey Breeder

SHOULD HAVE

Hoard's Dairyman.

No other publication in the world has **labored as ably or zealously for the advancement of dairying.** It is a mighty power in the dairy world for the dissemination of sound dairy practice.

No publication we could name would make a more complete or better combination with the Guernsey Monthly. **Both journals** belong on the reading table of **every man interested** in Guernseys.

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— ADDRESS —

GUERNSEY BREEDERS JOURNAL,

PETERBORO, N. H.

.·. Morven Park Guernseys .·.

Property of WESTMORELAND DAVIS

Herd Headed by Imp. France's Jewel VIII.

(Bred by P. D. O'Zanne, on Guernsey.)

SIRE---The noted Masher's Sequel.

DAM---France VIII., the greatest of the La France cows.

Repeated importations and careful selection has made the herd one of the largest and most brilliantly bred in America, representing the Masher, La France, May Rose, Princess, Honoria, Lenfesty and Glenwood families.

Cattle lead a natural life in the large grass fields of an estate of over 1,000 acres.

Herd regularly tuberculin tested by the Bureau of Animal Industry, U. S. Department of Agriculture, at Washington, affording purchasers the protection of a valuable and impartial test.

CHOICE OFFERING--A France May Rose Calf.

We can offer a bull calf by France's Jewel VIII. out of Morven's May Rose, Adv. R. No. 601, she by celebated May Rose King, out of Leading Lady, Adv. R. No. 150, dam Marguerite of Level Green. He is a beautifully marked calf and one of the most fashionably bred Guernseys in the world, combining the blood of the La France, Masher and May Rose families.

Also bull calves by France's Jewel VIII. out of Imported and Advanced Register dams, all at reasonable prices.

FOR FURTHER PARTICULARS ADDRESS

Live Stock Dept., Morven Park, Leesburg, Va.

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EXCELLENT YOUNG BULL CALVES

We are offering for sale some excellent young bull calves, a number of which are out of Advanced Register cows. These calves are good individuals and will be sold at

VERY REASONABLE PRICES

ALL INQUIRIES WILL RECEIVE PROMPT ATTENTION.

ENTIRE HERD TUBERCULIN TESTED

TARBELL FARMS

SMITHVILLE FLATS : CHENANGO COUNTY : NEW YORK

Langwater Guerns

Imp. King of the May 9001. A. R. 72

Sire, Imp. May Rose King 8336 Dam, Itchen Daisy III. 15630

Dolly Dimple's May K

Sire, Imp. King of the May 90

The get of our three great herd bulls have w
tition, they have won many prizes at the leading fr
Coast. Langwater Guernseys have proven that ut
combined.

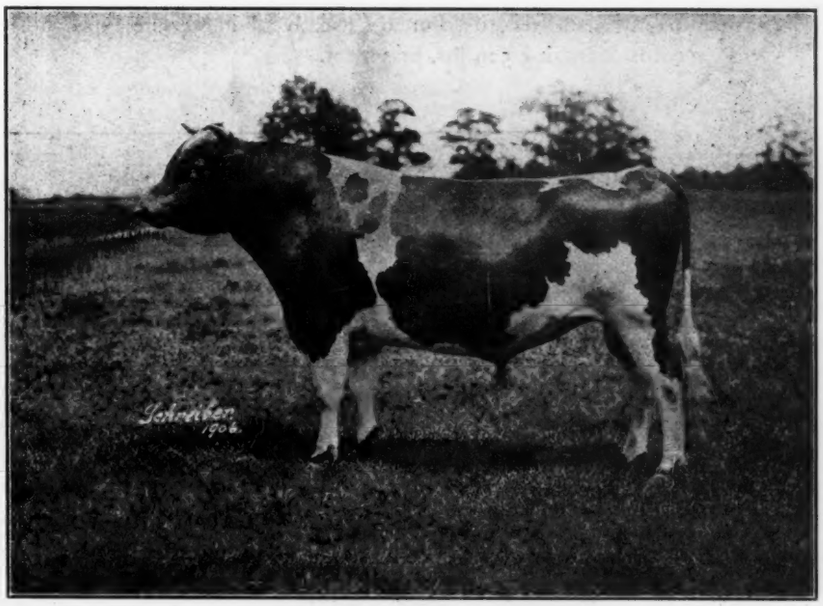
Our Bull Calves are all sold. Orders booked for spring deli

Langwater Farms,

F. LOTHROP AMES, Owner.

nseys are Producers

May K of Langwater 12997
May 90 Dam, Dolly Dimple 19144



Imp. Yeoman 8618
Sire, Imp. Yeo 1440 Dam, Imp. Hayes Rosie 15476

e w wherever they have been shown. In close compe-
ng fs in the East, Middle West and on the Pacific
t uty and beauty can be, and have been, successfully

delivry. Write for particulars to

s, North Easton, Mass.

W. K. HEPBURN, Superintendent.

Pinehurst Guernseys

Pinehurst has one of the **choicest** herds in the country, and 40 of its A. R. records average about 464 lbs. of butter fat and 8787 lbs. of milk. Other cows have qualified, and more are under A. R. test. The cows have not only made records, but are usually of handsome type, with fine fore udders. We have made 25 A. R. records averaging 529 lbs. butter fat.

STRANFORD'S GLENWOOD OF PINEHURST 13609.

Dam, Stranford's Princess 11740, A. R. 199. 725. lbs. butter fat: 12279. lbs. of milk.

This record was made **standing in her stall,** with the herd, seldom eating as much as 10 lbs. of grain per day. and milked **only twice daily.** Sire, the **grand old Glenwood Boy of Haddon** 4605, A. R. 8; **twenty** of his **A. R. daughters** will average about **430 lbs.** of **butter fat. Half** of these records were made by **heifers. Jedetta of Pinehurst** and **Dairymaid of Pinehurst,** bred at Pinehurst, **winners** in **Iowa Dairy** Contest are daughters of Glenwood Boy of Haddon. **No other bull of any breed** has sired two daughters whose records average **817** lbs. butter fat or **953 lbs.** of **butter.** Dairymaid, as is well known, made 860 lbs. butter fat, as a 3-year-old. Glenwood Boy has thus proven himself a sire of a **large number** of daughters of high Dairy merit as well as a sire of **extreme** production under expert care. We have a number of his daughters who have **exceeded** the work "Dairymaid" and "Jedetta" did here as 2-year-olds.

We are ready to furnish **choice bull calves** carrying the **same blood,** and at moderate prices. At Pinehurst you can find stock making **fine** records under **farm** care, and ready to respond to the care of the expert feeder, with the constitution to stand forcing.

Choice, Handsome Bull Calves Now Ready to Ship.

PRICES MODERATE

Other very well bred calves. For pedigrees and further particulars see catalog. Photos furnished. Prices subject to change.

E. W. STRAWBRIDGE,

MOORESTOWN, BURLINGTON COUNTY, NEW JERSEY

"Pinehurst Farm." Catalog. Sale List. Half Expressage Paid to distant points.

Sarnia Guernsey Herd

(Tuberculin Tested)

This herd has been known as the Rosendale Guernsey Herd ever since its establishment in 1887, but in the meantime herds have been started at Rosendale by M. L. Welles, E. L. Skidmore, Charles Schmoldt and Geo. P. Jennings, with others in prospect, and it seems wise as well as just to these parties to change the name to Sarnia. This is the name given to the Island of Guernsey by the Romans when they conquered it, and it seems appropriate that this name should be known in Guernsey cattle history in this country.

The herd is better than ever before, and I shall be glad to send a sixty page illustrated catalog and sale list to all who will send for it. It gives a short history of the herd, list of prizes won at state fairs and world's expositions, and a list of the sixty-one yearly official records completed in the herd.

Some very choice bulls and a few females for sale.

Visitors always welcome.

CHARLES L. HILL,

ROSENDALE, WISCONSIN

EDGEWATER FARMS

High-class Imported Guernseys

Carefully selected by one who has been in close touch with the Island Guernseys for a lifetime, and who has led more prize-winning Guernseys into the big dairy shows of England for the past forty years than any other man.

The Following Animals Have Qualifed in the Past Twelve Months,

all of them standing in the stanchions, and all, except one, milked but twice a day and subject to the same care and treatment that the entire milking herd received.

Imported Primrose II. of the Prevosts 22706. R.ecord 92662.01 lbs. milk; 639.21 lbs. fat; the highest per cent. of fat in the Advanced Register.

Miranda of Mapleton 19606, record 10342.52 milk; 565.97 fat with first calf.

King's Myra of Mapleton 18375, record 11030.80 milk; 560.68 fat.

Imp. La Garenne II. 25789, record 9013.99 milk; 475.52 fat with first calf.

Imp. The Maid of the Vrangue 22704, record 7132.70; milk 414.83 fat.

Imp. Cherry I. of the Briquet 22712, record 8241.73 lbs. milk; 435.94 lbs. fat with first calf.

Imp. Ninette of the Prevosts 22713, record 7880.33 lbs. milk; 442.12 lbs. fat with first calf.

Sir Galahad's Princess 20461, record 7067.42 milk; 365.11 fat with first calf.

Imp. La Grande VII. du Bas Sejour 22707, record 6222.53 milk; 360.56 fat.

Imp. Daisy II. of the Gouies 22708, record 8020.72 milk; 390.82 fat.

Mabel of Lakeside 22737, record 6043.70 milk; 305.48 fat with first calf.

Olivia of Mapleton 17270, record 10840.85 milk; 512.83 fat.

Imp. Le Ruez's Daisy 22705, record 10087.95 milk; 437.40 fat

Imp. Fanny of Penrose 25792, record 7517.27 milk; 391.86 fat with first calf.

Imp. Taylor's Cream Cup 25791, record 10394.17 milk; 545.81 fat with first calf.

The herd is tuberculin tested semi-annually, we have the King system of ventilation covered, barn yards for winter exercise, and pure water. We spare no expense to keep the herd in the best possible health.

Our Present Herd Bulls are

Imported Raynold 12178 (R. G. A. S. 1899 P. S.) Sired by Imported Raymond of the Preel 11353. Dam Hougue Maid 2856 F. S., a fine dairy type and a 24 quart cow.

Imported Holden 4th 12179. Sire Imported Golden Hero of L'Etiennerie (R. G. A. S. 1507 P. S.) Sire of 3 A. R. cows Dam Butter Cup of the Gron 2394 F. S., she produced the dam of Billy France's Fern that sold for $900 at one and one-half years of age. This young Bull combines the blood of Governor of the Chene 1297, France's Jewel 2d, France 4th and France 3d.

Imp. Hero of King's Mill Lodge 16906 (winner of first prize over the Island in 1909). Sire, Imp. Billy's France 12476. Dam, Queen of La Ramee, R. G. A. S. 3066 F. S.. One of the finest dairy types on the Island.

This unexcelled young animal was recently purchased from Mr. John C. Forster of Clatford Mills, England, at a very high price.

A Few Choice Young Animals of Both Sexes for Sale.

EDGEWATER FARMS,

F. G. BENHAM & SON, - - - - - Canandaigua, N. Y.

(Continued from page 24.)

Maplehurst Sue 17046	A	10 Sept.	460.70	5.98	27.55	6599.10	363.00
Miriam of Maplewood 20395	C	5 Oct.	824 30	4.80	39.57	4522.40	187.92
Onota 13463	A	9 Oct.	720.10	4.96	35.72	9711.40	429.05
Tirsey's Beauty 15398	A	6 Oct.	802.40	5.53	44.37	5648.70	269.51
Whitman, Clarence, Katonah, N. Y.							
Lady Bella of Katonah 23927	G	10 Oct.	280.30	5.75	16.12	5381.50	267.39
Mazeppa of Poplar Grove 13499	A	11 Aug.	612.60	5.14	31.49	9590.40	446.60
Stockbridge Queen 21638	D	5 Sept.	822.20	4.83	39.71	5667.30	273.97
Wick, Est. Myron C., Youngstown, Ohio.							
Carol of Chestnut Hill 24587	G	3 Aug.	911.20	4.75	43.28	2515.30	117.59
Lady Nokomis 17933	A	6 Sept.	685 70	5.56	38.12	5219.40	267.93
Williams, John H., Waukesha, Wis.							
Eagle Flossie 18122	A	1 Oct.	930.70	4.86	45.23	930.00	45.23
Gypson's Dawn 18759	A	1 Sept.	663.1	4.18	27.72		
	—	2 Oct	1245.8	4.18	52.07	1908.90	79.79
Oakwood's Maid Eagle 18120	A	10 Oct.	768.30	4.55	34 96	8240.50	392.74
Park's Isabella 24019	F	9 Oct.	80.20	5.39	4.32	6344.10	304 38
Park's May 24020	G	9 Oct.	690.6	4.24	29.28	7800.20	331.47
Park's Yeksa Queen 21602	C	2 Oct.	1118.90	3 97	44.42	2050.90	85.33
Trislette's Spot 18867	A	6 Oct.	651.50	5 32	34.66	5103.10	242.88
Wood, George, Wawa, Pa.							
Imp. Busy Bee of the Isle 25689	C	6 Oct.	615 80	4.10	25.25	4554.90	186.95
Glen Golden 26607	E	4 Oct	573.90	5.56	31.91	2799.00	143.95
Julianna of Wawa 21894	E	10 Oct.	348 20	4.84	16.85	6305.00	266.56
Lady Bendbrook of Wawa 21893	E	7 Aug.	480 50	5.21	25.03		
	—	8 Sept.	403.30	5 12	20.65		
	—	9 Oct.	363.60	5.41	19.67	6798.70	339.62
Lady Delmar of Wawa 24481	F	4 Oct.	575.20	4.14	23.81	2352.30	103.30
Lady Expectation 16847	A	5 Oct.	779.00	4.48	34.90	4469.60	194.39
Lucy Hires 23431	E	10 Oct.	385 30	4.39	16.91	5665.70	251.51
Imp Milkyway V. 25692	D	9 Oct	548.30	4.55	24.95	5782.30	260.61
Miriam's Millie 24049	G	10 Oct.	590 60	4 24	25.04	6946.20	289.91
Peggy of Wawa 24483	F	4 Oct.	694 40	4 10	28.47	2765.20	130.59
Pretoria's Jollity of Wawa 21895	E	8 Oct.	528.10	4.36	23.03	6177 20	254 11
Imp. Sequel's Replica II. 25691	D	8 Oct	574.20	4.39	25.21	5984.40	254.83
Yolo of Wawa 23545	D	5 Oct.	800.50	4.18	33 46	4166.20	170 58
Wood, W. Righter, Omaha, Neb.							
La Reine's Ideal 23981	A	10 Oct.	385.60	5.16	19.90	6210.50	305.75
Ziesing, August, Glencoe, Ill.							
Lalla Glenwood 26608	G	1 Sept.	672.70	5.05	33.97		
	—	2 Oct.	690.90	5.24	36.20	1363.60	70.17
Maid of the Meadows 2d 24498	F	1 Sept.	776.10	4.21	32.67		
	—	2 Oct.	800.70	4.07	32.59	1576.80	65.26
Masher's Belle 23373	F	25dAug.	674 70	4 13	27.87		
	—	2 Sept.	745 80	4.92	36 69		
	—	3 Oct	691.00	5.07	35 03	2111.50	99.59

(Continued from page 24.)

so much importance as the selection of the individuals within the breed.

The above taken from an exchange is a very "good straddle" to keep on the good side of all. The Holsteins have been considered the heavier milkers; the Channel Islands breeds, the richer milkers.

The Guernsey has shown her ability in impartial trials to excell all in :

Color of Dairy Products.
Flavor of Dairy Products.
Cost per pound of butter produced.
Greatest return for $1 invested in food.
What More Can You Ask For?

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The Guernsey Breeders' Journal

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For Sale!

Three "May Rose" Bull Calves.

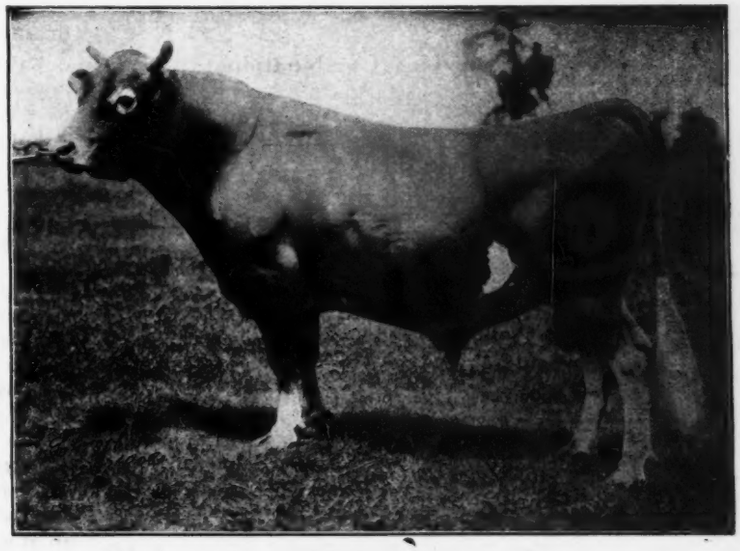
Sired by the great May Rose Bull,

Imp. Golden Secret

A. R. 84.

and out of dams with big A. R. records.

Photos of Sire and Dams sent on request.



Imp. Golden Secret, A. R. 84

PENCOYD FARM,

5 miles from Philadelphia. BALA, PA.

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Guernsey Breeders' Journal

AND

FEEDS AND FEEDING,

A Hand-book for the Student and Stockman.

TENTH EDITION. REVISED AND ENTIRELY REWRITTEN.

BY W. A. HENRY,

Emeritus Professor of Agriculture, Formerly Dean of the College of Agriculture and Director of the Agricultural Experiment Station, University of Wisconsin.

The new Feeds and Feeding, a well printed volume of over 613 large pages, is practically a cyclopedia of animal nutrition and the rational feeding of farm animals told in simple, helpful language. The information has been gleaned from hundreds of thousands of pages of technical journals, scientific books and reports, and bulletins of Old and New-World Experiment Stations. These original sources of such information are largely inaccessible to most persons who need the information.

PART I., 128 pages, shows how plants grow and elaborate food for animals and how farm animals live and grow on the food they consume.

PART II., 122 pages, sets forth the nutritive properties of practically all American feeding stuffs and how these can best be utilized in feeding farm animals.

PART III., 302 pages, summarizes practically all the typical feeding experiments with farm animals. The data expressed in the fewest possible figures and tersely discussed report the exact amount of feed consumed by one farm animal—the horse, calf, steer, cow, sheep and pig—in one day and the returns therefrom in work, flesh, milk, etc.

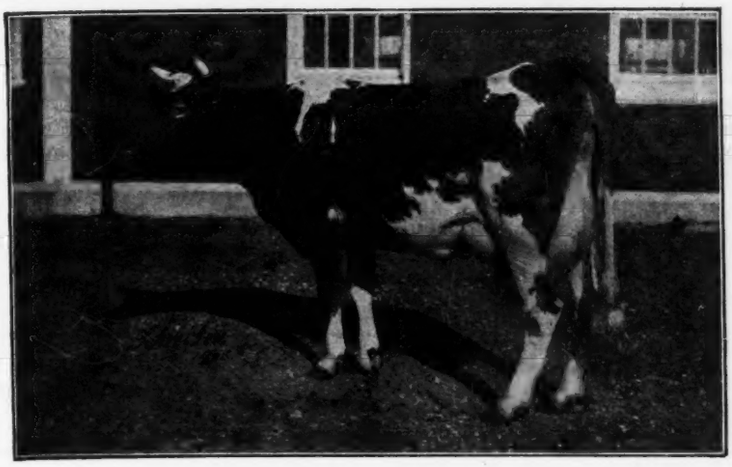
The APPENDIX, covering 29 pages of figures, shows the composition, digestibility and fertilizing value of practically all the New and Old-World feeding stuffs.

The 20-page, double-column Index of over 3000 references enables the reader to surely and quickly find every statement.

FEEDS AND FEEDING is not only a book for the student, but also for the busy farmer and stockman, who can take it up at any time, open it at any place, and there find interesting, helpful, up-to-date information on the rational feeding of farm animals.

Nine editions of the old FEEDS AND FEEDING have found place in public and school libraries, as well as the libraries of the teacher, student, farmer and stockman. The new FEEDS AND FEEDING, tenth edition, just from the press, thoroughly revised and entirely rewritten, is now offered to the public.

Dolly Dimple 19144, Adv. Reg. 628.



Official Records.

2 Years Old—
14009.13 lbs. milk ; 703.36 lbs. butter fat.

3½ Years Old—
18458.8 lbs. milk ; 906.89 lbs. butter fat.

Average for Two Consecutive Periods—
16233.96 lbs. milk ; 805.13 lbs. butter fat.

Record for

One Day	— 68.4 lbs. milk ;	3.625 lbs.	butter fat.
One Wk	— 444.8 "	22.034 "	"
One Mo	—1960.04 "	89.99 "	"
Three Mos	—5614.6 "	265.62 "	"
Six Mos	—10390.2 "	486 66 "	"

Her Retest. 1910.

	Milk	Butter Fat	Av. %
May 4 to 31	1739.1 lbs.	84.389 lbs.	4.81
June	2109.3 "	92.451 "	4.36
July	2089.7 "	87.973 "	4.22
August	1870.1 "	77.722 "	4.13
September	1679.2 "	74.210 "	4.45
October	1618 0 "	73.295 "	4.53
November	1447.2 "	69.803 "	4.82
Total	12552.6 lbs.	559.844 lbs.	
Average per day	59.77 "	2.666 "	

Retest started May 4, under the supervision of an Inspector from the Mass. Agl. Exp. Station for every day. Results for November.

	5 A. M.			11 A M.			5 P. M.			11 P. M.			Daily Totals	
DATE Nov.	Lbs. Milk	% Fat	Lbs. Fat	Lbs. Milk	% Fat	Lbs. Fat	Lbs. Milk	% Fat	Lbs. Fat	Lbs. Milk	% Fat	Lbs. Fat	Lbs. Milk	Lbs. Fat
1	12.6	5 0	.630	12.3	4.1	.504	12.1	4.8	.581	13 1	4.6	.603	50.1	2.318
2	13.0	5.0	.650	12.9	4.4	.568	11.5	4.7	.541	13.2	4.9	.647	50.6	2.406
3	13.3	4.7	.625	12.6	4.0	.504	13.1	4 5	.590	12.3	4.9	.603	51.3	2.322
4	13.6	4 7	.639	13.8	4 7	.649	12.1	4.8	.581	13.3	4.8	.638	52.8	2.507
5	11.5	4.7	.541	13.3	5.0	.665	12 3	4.4	.541	11.6	5.0	.580	48.7	2.327
6	12.8	4.75	.608	12.6	4 9	.617	13.0	5.2	.676	11.9	5.2	.619	50.3	2.520
7	10.1	4.7	.475	14.4	5 0	720	10 6	4.5	.477	11.6	4.5	.522	46.7	2.194
8	11.5	5.2	.598	13 7	5.0	.685	11 4	5.4	.616	10.8	4.3	.464	47.4	2.363
9	13.3	5.5	.732	12.9	5.0	.645	11.7	4 7	.550	12.5	4.6	.575	50.4	2.502
10	10 9	4 5	.491	13 7	4.8	.658	11.7	4.8	.562	11.5	5.0	.575	47.8	2.286
11	11.7	4.4	.515	15.0	5 9	.885	10.7	4 5	.482	11.9	4 5	.536	49 3	2.418
12	11 5	4.9	.564	14.0	4.8	.672	10.8	5.3	.572	12.5	4.7	.588	48.8	2.396
13	12 2	4.5	.549	13.7	4.8	.658	11.3	4 5	509	11 9	4 5	.536	49.1	2.252
14	13.3	4 8	.638	11.7	4.6	.538	12.9	4 7	.606	13.0	4.5	.585	50.9	2.367
15	11.7	3.9	456	15.0	5.3	.795	12.6	5 1	.643	11.7	5.2	.608	51.0	2.502
16	12.4	4.3	.533	13 5	5 6	.756	11.3	4.7	.531	12.2	5.25	.641	49.4	2.461
17	11.8	4.7	.555	12.9	5.6	.722	12.8	5.3	.678	8 7	4.3	.374	46.2	2.329
18	14.9	4 55	.678	12 6	5.1	.643	9.4	4 2	.395	10.9	3.6	.392	47.8	2.108
19	12 4	4.5	.558	14.6	5 5	.803	12.1	5.0	.605	13.2	5.2	.686	52.3	2 652
20	11.9	4.8	.571	13.1	5.0	.655	13.0	5.35	.696	11.6	5.2	.603	49 6	2 525
21	12.4	4.8	595	12.9	5.1	.658	11 8	4.4	.519	13.0	4.6	.598	50.1	2.370
22	12.8	4.7	.602	12.9	4.7	.606	12.4	4.5	.558	12.0	4.6	.552	50.1	2.318
23	12.9	4.15	.535	12.7	4.6	.584	11.8	5.3	.625	8.5	4.6	.391	45.9	2 135
24	12 2	4.5	.549	10 3	5.7	.587	10.6	4.8	.509	8.4	4.4	.370	41.5	2.015
25	12 2	4 8	.586	11.6	5.0	.580	11.0	5 0	.550	9.3	4.1	.381	44.1	2.097
26	11 6	4.65	.539	11.9	5.0	.595	9.6	4.0	.384	10.6	4.2	.445	43.7	1.963
27	11.4	5 3	.604	10.8	4.2	.454	11.1	4.7	.522	11.9	5.2	.619	45.2	2.199
28	10.0	4.6	.460	14.7	6.5	.956	8.0	4.9	.392	12.6	5.0	.630	45.3	2.438
29	10.4	4.8	.499	14.1	5.8	.818	10.5	5.0	.525	11.3	5.0	.565	46.3	2.407
30	9.7	4.2	.407	13.8	5.0	.690	9.9	4.3	.426	11.1	5.25	.583	44.5	2.106
										Total			1447.2	69.803

SPECIAL INSPECTIONS.

On November 20, 21 and 22, a representative from the National Farm School, Prof. W. H. Bishop, made an inspection, as follows :

Nov. 20,	11 p. m.	11.6 lbs. milk	5.10 per cent. fat	.5916 lbs. fat
" 21,	5 a. m.	12.4 "	4.75 "	.589 "
" 21,	11 a m.	12.9 "	5.20 "	.6708 "
" 21,	5 p. m.	11 8 "	4.60 "	.5428 "
" 21,	11 p. m.	13.0 "	4.675 "	.6078 "
" 22,	5 a. m.	12.8 "	4.75 "	.6080 "
" 22,	11 a. m.	12.9 "	4.60 "	.5934 "
" 22,	5 p. m.	12.4 "	4.40 "	.5456 "

Advanced Register Records Completed and Approved to December 19, 1910.

BULLS.

Divan 5846, Adv. R. 98. Owned by Ezra Michener, Michener, Pa. Entered in Advanced Register on account of progeny by T. W. Brophy, Chicago, Ill. Progeny record: Dolly Bloom 12770, Adv. R. 40; Dolly Dillon 14226, Adv. R. 987; Belle Wilson 12571, Adv. R. 1062.

Imp. Yeoman 8618, Adv. R. 99. Owned by F. Lothrop Ames, North Easton, Mass. Progeny record: Dolly Dimple 19144, Adv. R. 628; Easton Belle 24201, Adv. R. 1132.

Major Lawton 8224, Adv. R. 100. Owned by Clayton C. Taylor, Lawton Station, N. Y. Progeny record: Choice Goods 21133, Adv. R. 948; Go Bang 21135, Adv. R. 1131.

COWS.

Antoinette of the Chêne 23124, Adv. R. 1127. Owned by V. Everit Macy, Ossining, N. Y. Year's record: 8186.80 lbs. milk; 388.74 lbs. butter fat. 2 yrs. 6 mos. old.

Lady Governor 23130, Adv. R. 1128. Owned by V. Everit Macy, Ossining, N. Y. Year's record: 6375.30 lbs. milk; 286.20 lbs. butter fat. 2 yrs. 1 mo. old.

Pride of Dutch Neck 21937, Adv. R. 1129. Owned by Ralph Tratt, Whitewater, Wis. Year's record: 9257.20 lbs. milk; 408.82 lbs. buttter fat. 5 yrs. old.

Roy Spot 29040, Adv. R. 1130. Owned by Ralph Tratt, Whitewater, Wis. Year's record: 5356.30 lbs. milk; 322.83 lbs. butter fat. 3 yrs. 4 mos. old.

Go Bang 21135, Adv. R. 1131. Owned by F. G. Benham, Canandaigua, N. Y. Year's record: 7061.00 lbs. milk; 397.20 lbs. butter fat. 3 yrs. 4 mos. old.

Easton Belle 24201, Adv. R. 1132. Owned by Louis E. P. Smith, Holliston, Mass. Year's record: 7584.56 lbs. milk; 326.71 lbs. butter fat. 2 yrs. old.

Water Witch of the Glen 23621, Adv. R. 1133. Owned by Howard Greene, Genesee Depot, Wis. Year's record: 11275.50 lbs. milk; 539.91 lbs. butter fat. 2 yrs. 1 mo. old.

Pretor's Jessie 22032, Adv. R. 1134. Owned by W. B. Quarton, Algona, Iowa. Year's record: 5781.20 lbs. milk; 331.27 lbs. butter fat. 3 yrs. 1 mo. old.

Queen May of Ingleside 23596, Adv. R. 1135. Owned by T. W. Brophy, Chicago, Ill. Year's record: 5287.00 lbs. milk; 309.02 lbs. butter fat. 2 yrs. 3 mos. old.

Finance 18076, Adv. R. 1136. Owned by T. W. Brophy, Chicago, Ill. Year's record: 8280.20 lbs. milk; 441.22 lbs. butter fat. 5 yrs. 6 mos. old.

Cora of Pinehurst 2d 21724, Adv. R. 1137. Owned by Mrs. E. W. Strawbridge, Moorestown, N. J. Year's record: 6761.30 lbs. milk; 319.49 lbs. butter fat. 3 yrs. 7 mos. old.

Beauty Blossom 18601, Adv. R. 1138. Owned by J. Amory Haskell, Red Bank, N. J. Year's record: 6733.00 lbs. milk; 365.46 lbs. butter fat. 5 yrs. 4 mos. old.

Fillmore's Miss Priscilla 25397, Adv. R. 1139. Owned by J. Amory Haskell, Red Bank, N. J. Year's record: 6328.90 lbs. milk; 351.26 lbs. butter fat. 2 yrs. 4 mos. old.

RE-ENTRIES.

Clio of Richmond 15816, Adv. R. 111, Re entry. Owned by Howard Greene, Genesee Depot, Wis. Year's record: 10650.60 lbs. milk; 502 39 lbs. butter fat. 8 yrs. 5 mos. old.

Linden's Young Polly Vrangue 18630, Adv. R. 551, Re-entry. Owned by T. W. Brophy, Chicago, Ill. Year's record: 8267.80 lbs. milk; 422.43 lbs. butter fat. 5 yrs. 4 mos. old.

Sir Galahad's Princess 20461, Adv. R. 878, Re-entry. Owned by F. G. Benham, Canandaigua, N. Y. Year's record: 7263.43 lbs. milk; 392.30 lbs. butter fat. 4 yrs. 2 mos. old.

Miranda Mapleton 19606, Adv. R. 914, Re-entry. Owned by F. G. Benham, Canandaigua, N. Y. Year's record: 9802.21 lbs. milk; 540.25 lbs. butter fat. 4 yrs. 9 mos. old.

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1878--1911

Over 30 Years of Cream Separator Leadership

The first successful cream separator was perfected and patented by Dr. De Laval in 1878.

Tne DE LAVAL was the pioneer. It was first in the field and for over thirty years it has maintained its leadership against any and all comers.

The DE LAVAL has always been the acknowledged leader in making cream separator improvements. Its development has revolutionized the dairy business and done more than anything else to make dairying profitable.

So completely is the superiority of the DE LAVAL recognized by creamerymen and those who make the separation of cream and making of butter a business, that 98% OF THE WORLD'S CREAMERIES USE THE DE LAVAL TO THE EXCLUSION OF ALL OTHER MAKES.

In cleanness of skimming, quality of cream separated, ease of operation, simplicity of construction and durability the DE LAVAL is in a class all by itself.

The more you know about cream separators the more you will appreciate its superiority, and whether or not you start with one SOONER OR LATER YOU WILL BUY A DE LAVAL.

DE LAVAL DAIRY SUPPLY CO.

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50 ACRE STOCK FARM 50

FOR SALE.

If sold soon, at a bargain. (I must have a larger farm as my business has outgrown this one.) Produced 1910, 30 tons of Hay; 300 bushels Oats; 100 tons of Ensilage Corn. Carrying 27 head of Stock now and about 40 Hogs. No. 1 barn 110 foot, 2 silos, stalls 24, water in barn, (always a full supply.) No. 2 barn for calves, 66 foot, box stalls, well lighted. No. 3 building, Piggery, 60 foot, six 10-foot square pens and alleyway. One stonehouse 14x16, also a private Creamery. House 9-room, 2 porches. Fence, woven wire. Land rolling and as rich as a garden. Grow Alfalfa. Cost $7,000.00.

Cost $7,000.00. - - Take $5,000.00.

Come and see it or write.

A Few Bull Calves and Berkshire Pigs For Sale.

F. H. BENEDICT,

McLean, - - - - New York.

BREEDERS OF GUERNSEY CATTLE

(WE SELL NO MILK.)

Our Entire Attention is Devoted to Producing and Developing Healthy, Vigorous Stock of Correct Type, from Large, Producing Ancestry.

Our Bulls, from the best strains of the breed, are worked daily in harness, and are strong, alert and docile.
Our young stock is kept constantly in the open air, both Winter and Summer. No heifers tied up until two and one-half years old.
Come and see what this means to their size and constitutional vigor.
Come and see the most complete breeding establishment in New England.

We Have Stock of All Ages and Both Sexes for Sale. Bull Calves from both Imported and Advanced Register Cows.

Fillmore Farm, - - - Wellesley Farms, Mass.

W. P. WILEY, Superintendent.

FOR SALE

RAY OF PORTLAND 10740

Former Herd Bull, 5 years old.

Also, Bull Calf, dropped Dec. 6, '09

Oak Hill Farm Guernsey herd is now headed by **Langwater Dictator 15068**.
Sire, Dolly Dimple's May King of Langwater 12977
Dam, Imp. Princess Rhea 15478. Adv. R. 59
Adv. Register Record—Milk, 14009.89 lbs.; Butter Fat, 775.69 lbs., equal to 904.97 lbs. of Butter

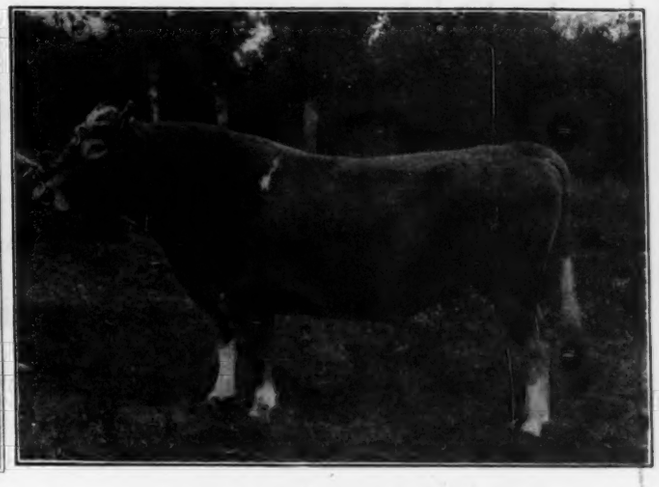
Ten cows in the herd have qualifed for the Adv. R., others soon to qualify.

Address OAK HILL FARM, - Red Bank, New Jersey

THEO. SHUIT, SUPERINTENDENT.

Katonah's Wood Farm Herd Bulls.

Prince Mac of Katonah 11030
Sire, Strong Anchor 5849, A. R. 65.
Dam, Nancy Mac 11523.



Imp. Sequel's Monogram 15649
Sire, Masher's Sequel 11462, A. R. 44.
Dam, France's Honoria, R. G. A. S. 4670 P. S.

Katonah's Wood Farm wishes to announce that they are all sold out of bulls, but will be pleased at all times to answer any communications in regard to its Guernseys.

Address WM. B. JONES, Superintendent, - - - - - Katonah, N. Y.

Tabulated Pedigrees of Registered Guernsey Cattle.

I maintain a complete list of all Registered Guernsey Cows having published milk or butter-fat records.

These animals have been grouped under their respective sires and dams.

After tracing, from the Herd Register of the A. G. C. C., the breeding of any animal for four generations, I am able to state the records held by all animals whose names appear, together with such as are at all closely related to them.

These pedigrees are the best possible method of preserving in definite form a complete record of the ancestry of your animals, and afford a ready means of imparting this information to prospective customers.

The price is $1.00 per pedigree; size of sheets, 15x19 inches. Records entered in red ink.

SAMUEL I. MURPHY, Wawa, Delaware Co., Pa.

18 Miles from Broad Street Station, Philadelphia. Bell 'Phone 27-5 Chester Heights.

PRACTICAL DAIRYMAN

Selected Medium in the East of The American Guernsey Cattle Club

IF YOU WANT TO READ ALL THE GUERNSEY NEWS EVERY WEEK YOU WILL HAVE TO

Read the Practical Dairyman

Read by breeders of fine dairy cattle everywhere. Preaches the doctrine of better cows and pure bred sires every week. Its descriptions of fine herds are standard. Its illustrations of typical animals are unequalled by any other Journal and are alone worth the subscription price, $1.00.

New subscribers are entitled to a premium consisting of either Mr. John Michel's book on Dairy Farming, or one of Dr. David Roberts' Hard Milking Outfits.

Makes a specialty of breeding topics. It dares to criticise when necessary. The leading authority on scientific feeding and balanced rations. Its directions for handling and feeding for records are complete and full.

PRACTICAL DAIRYMAN, - - RUTHERFORD, N. J.

PILLING

Cattle Instruments

are the result of nearly 100 years of practical experience. They are made by the largest concern of its kind in the world. **Pilling's "Easy to Use" Instruments and Remedies** are used and endorsed by the leading live-stock raisers and the most prominent milk producers of this country.

Pilling Cattle Case No. 3,

containing $4.00 Garget Outfit, $3.00 Milk Fever Outfit and 12 other Cattle Instruments needed by every dairyman, complete in case, $15.00; regular value, $21.00. Sent prepaid with "Easy to Use" directions, on receipt of $15.00.

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the only proper and successful treatment of Garget. Complete outfit, including Garget Remedy (30 treatments), with full "Easy to Use" directions, sent on receipt of $4.00.

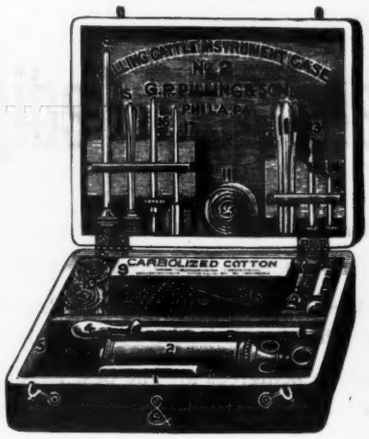
Pilling Cattle Case No. 2,

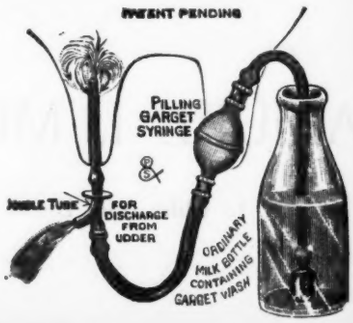
containing $3.00 milk fever outfit and eight other cattle instruments needed by every dairyman, complete in case, $10.00; regular value, $15.00. Sent prepaid with full "Easy to Use" directions on receipt of $10.00.

Pilling Hard Milker Outfit

contains Bistouay, $1.50; Teat Opener, 75c.; Teat Expander, 50c.; Milk Tube, 50c. and Teat Soap, 25c., complete in case with "Easy to Use" directions: sent prepaid on receipt of $3.00.

The name "Pilling" on our Instruments and Remedies is equivalent to "Sterling" on silverware. Send today for our FREE Booklet "Cow Troubles."





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PHILADELPHIA, - PENN'A

HELENDALE FARMS

ATHENS, WISCONSIN.

Office, No. 107 Wisconsin St., Milwaukee, Wis.

HELENDALE GUERNSEYS ARE NOTED FOR

Highest Quality **Greatest Production** **Strongest Constitution**

HERE ARE SOME OF THE HERD:

Yeksa Sunbeam, Yeksa Rose, Robiline 2d, Lily of Helendale, Yeksa Lind. Penthesilia,

Endymion, Rinaldo, Old Glory, Wolfram, Guydette, Jr.

Young Bulls of the above and similar breeding are now offered for sale as desirable tops and additions to established herds. Raise the grade of your herd by infusion of the best Guernsey blood, A few Heifers on special list for established breeders.

Importation Made Easy.

CHARLES KITTS,
Smith Street,
GUERNSEY

Leading Agent and Exporter on the Island.

INVITES CORRESPONDENCE.

Has selected and shipped to most of the large importers.

Reference to Chas. L. Hill, W. W. Marsh, Jas. Bierne, A. Meeker, J. H. Hunter, F. Buckley, and others.

Order your

Private Herd Books

and other Supplies for keeping records of your herds from

Secretary's Office, - Peterboro, N. H.

Specially arranged for Guernsey herds.

Guernsey Bulls for Sale.

From Cows with the Following Adv. Reg. Records:

Name	Age	Milk	Fat
Enola of Auburn 15876	5-2	11142.00	551.19
Redina 15707	4-2	9121 80	501.97
Tritoma's Maud 2d 14655	5-3	11502.90	494.61
Guinette's Pride 17944	2-7	9353.90	483.85
Lizetta 16832	3-8	9281 50	418.50
Azucena's Pride 17946	2-7	8186.50	403.37
Tritoma's Queen 22618	2-2	9010.80	415.43
Ioneta's Bay 22618	2-4	8163.30	389.22
Guinette of Owasco Lake 19971	3-2	7415.50	396.20
Rilma of Owasco Lake 19972	2-2	6202.30	312.58

The Bulls I am now are offering for sale are mostly sired by

Ledyard Bay 11074, with 4 daughters now under test.

Sire, Rutilla's Gold Basis, Adv. R. 70.
Dam, Lady Bay of Varena, Adv. R. 214; 9245.70 lbs. milk, 508.48 lbs. fat.

My present herd bull is a vigorous young fellow from Helendale Farms:

Old Faithful 14947.

Sire, Old Glory 1188. Sire, Rinaldo 8917, Adv. Reg. 80. Dam, Standard's Morning Glory, Adv. R. 448; 12,917 lbs. milk, 714 lbs. fat at 4 years.

Dam, Lily Berkshire 2d, Adv. R. 555; 11,028.5 lbs. milk, 571.87 lbs. fat. Sire, O. K., Adv. R. 49. Dam, Lily Berkshire, A. R. 378; 14,305.50 lbs. milk, 631.65 lbs. fat.

Address OTTO W. POST, - Ensenore, N. Y.

Frederick Phillips' Island and

THE MANOR FARM, Villa Nova, Pennsylvania.

Imp. Billy's France.

Imp. Billy's France heads the Manor Farm Herd. He is sired by Imp. Masher's Sequel 11462. Sire of 20 daughters in the Advanced Register. His dam Justinee 4054 P. S., a cow of enormous capacity and high quality, was a typical dairy animal and successful show cow. She also produced such good sires as Imp. Justinee's Gold King and Imp Raymond of the Preel, his two full brothers.

Imp. Billy's France is a very smooth bull of great size and capacity, of good color and a distinct dairy type, showing unlimited quality.

My two herds contain with hardly an exception all the progeny of this great bull, which has afforded me an opportunity seldom obtained, of proving the wonderful prepotency of Imp. Billy's France, so sought after in the Guernsey breed.

No bull, living or dead, has ever equalled the show ring winnings which were credited to Imp. Billy's France at the Royal Guernsey Agricultural Association Show in the spring of 1909. His progeny obtained two firsts, two seconds, and two thirds in three classes. In the class for heifers 16 months and under two years his daughters were successful in winning first, second, and third. His son was first prize young bull over the Island. Besides this remarkable record Imp. Billy's France is the sire of nine daughters, from sixteen months to two years old, which were sold at public auction bringing the unprecedented price of $8,100 or $900 each, creating a new figure for the daughters of any one bull at any one dairy cow sale which has ever been held on any continent throughout the world. These heifers, since purchased by me are with their sisters at the Manor Farm.

Imported Animals from my Farm on The Island.

FREDERICK PHILLIPS, - -

American Guernsey Herds

THE FRIE BATON, Villa Nova, Pennsylvania.

Five Daughters of Imp. Galaxy's Sequel, with First Calves

NEW YEAR SALE.

IMP. MONOGRAM'S ANNEVILLE MAID,
Dropped June 27, 1910.
Price, $125.00

Sire, Imp. Sequal's Monogram, winner of King's Cup, Guernsey, and sire of two King's Cup winners this year.
Dam, Imp. Dairymaid of the Anneville, sired by Imp. Galaxy's Sequel, three times champion over Guernsey. This cow is in above picture.

RAYMOND'S MERISAN,
Dropped Nov. 21, 1910.
Price, $100.00

Sire, Imp. Raymond of the Effards, sired by Imp. Raymond of the Preel II. and grandson of Flower of the Preel, the dam of Hayes Rosie.
Dam, Merisan, Adv. R., 417.96 lbs fat; average, 5.46%.

Both of these heifers are good straight individuals of good color and well marked; they handle exceptionally well and are in perfect health.

All Ages. Both Sexes. For Sale.

- - - VILLA NOVA, PENNA.

INGLESIDE FARMS

May King of Ingleside 12558, at Three Years.

Sire of Champions at National Dairy Show 1910.

Son of Imp. King of the May 9001, A. R. 72, and Dolly Bloom of Langwater, A. R. 674.

Record: 12024.50 lbs. Milk; 632.34 lbs. Fat.

Every breeder of Guernsey cattle is familiar with the remarkable performance of the ancestors of this young bull. The reputation of his sire, Imp. King of the May, in the herd of Mr. Ames of the Langwater Farms, has attracted the attention of all Guernsey breeders, for he stands first among the descendants of the great cow May Rose II. (Claremont May Rose) to which he traces twice.

Guernsey breeders everywhere have watched the phenominal performances of the great cow Dolly Bloom and her incomparable daughter Dolly Dimple.

May King has not only remarkable breeding but as you see by his photograph he is powerfully made and possesses splendid individuality. In May King of Ingleside we have the combined blood of the very best Guernsey families. Observe the milk and butter fat official records of the cows of his family:

	Milk	Fat
Dolly Bloom of Langwater,	**12,024.50**	**632.34**
Dolly Bloom	**17,297.51**	**836.21**
Itchen Daisy 3d	**13,636.80**	**714.10**
Dolly Dimple	**18,458.80**	**906.81**
Florham Daisy, record to Dec. 1st, 1910—238 days,	**10,457.50**	**500.27**

His six two-year-old half sisters have made the following Adv. R. records:

	Milk	Fat
Langwater Princess	**12,280.50**	**651.19**
Langwater May Queen	**11,274.70**	**592.63**
Langwater Daisy	**10,710.30**	**557.55**
Langwater Dolly Bloom	**10,381.00**	**594.81**
Langwater Felois	**9,140.20**	**527.81**
Langwater May Rose	**9,212.50**	**530.60**

No other bull, living or dead, of any breed, has six two-year-old half sisters with records equal to these. No other family of any breed shows the number of great producers with yearly official records.

We have for sale sons of May King of Ingleside from Adv. R. cows. For full particulars regarding Ingleside Guernseys address

DR. TRUMAN W. BROPHY,
6 Madison Street, Chicago
Telephone Central 2127

W. L. WETMORE, Supt.,
Edison Park, Illinois
Tel. Edison Park 956.

INGLESIDE GUERNSEYS

Edison Park,

CHICAGO

MAY KING OF INGLESIDE 12558

Imp. King of the May 9001 A R 72

Sire of Langwater Felois 19146, A R 684—9446.2 lbs. milk, 529 81 lbs. butter fat as 2-year-old.

Langwater May Rose 19143, A R 683—9212.5 lbs. milk, 530.06 lbs. butter fat as 2-year-old.

Langwater Princess No. 22138—12280.5 lbs. milk, 651.19 lbs. butter fat.

Langwater May Queen22141—11274.7 lbs. milk, 592.63 lbs. butter fat.

Langwater Daisy No, 22139 10710.3 lbs. milk, 557.55 lbs. butter fat.

Dolly Bloom of Langwater 15452 A R 674

12024.50 lbs. milk, 632.34 lbs. fat, 5.28% butter fat.

Dam of Langwater Dolly Bloom 22136—10381 lbs. milk, 594.81 lbs. fat at 2 years and 3 mos. Butter fat 5.73%.

World's record for highest per cent. of butter fat for a 2-year-old heifer that has produced over 10,000 lbs. of milk.

Imp. May Rose King 8336 AR 41

1st prize Royal 1902. Sire of Rose of Go'd 17288; 9172.76 lbs. of milk, 435.47 lbs. butter fat at 2 years.

Florham May Rose 17285 — 8694.25 lbs. milk, 483.41 lbs. butter fat at two years.

Southern Rose 17289 — 7585 85 lbs. milk, 388.83 lbs. butter fat at 2 years of age.

Rose of York 17290—7525.07 lbs. milk 384.69 lbs. butter fat at 2 yesrs of age.

Morven's May Rose 18357 -7532.1 lbs. milk, 364.38 lbs. butter fat at 2 years.

Fashion Plate 18444—6531.2 lbs. milk, 308.17 lbs. butter fat at 2 years of age.

Florham Daisy 18115—926.30 lbs. of milk, 490.20 lbs. butter fat at 3½ years of age.

Florham Pride 20156—10860.6 lbs. of milk, 591.85 lbs. butter fat at 2 years.

Imp. Itchen Daisy 3d 15630 Adv R 100

Records:

13636.8 lbs. milk, 714.10 lbs. butter fat at 4½ years. This is the world's record at this age.

9958.7 lbs. milk, 533.85 lbs. fat at 2 years of age. Itchen Daisy sold for $4.000after completing her second AR test.

Dam of Florham Daisy 18115. Record at 3½ years of age, 9263.0lbs. milk, 490.22 lbs. butter fat. 10457.5 lbs. milk, 500.27 lbs. butter fat in 238 days.

Pocomoke 6075 A R 74

Sire of Carrie Belle 15063 Adv R 419. Milk 76 5 lbs., fat 373.34 lbs. at 2 11-12 years.

Nella J. 16480 A R 634—milk 9576.10 lbs., fat 477.27 lbs. at 3 10 12 years.

Dolly Bloom of Langwater 15452 A R 674—12024.50 lbs. milk, 632.34 lbs. fat, 5.28% butter fat.

Dolly Bloom 12770 A R 40

8841.58 lbs. milk, 453.86 lbs. butter fat at 1 year 11 mos.

Re-entry—12674.83 lbs milk, 6239.1 lbs. butter fat at 3 5-12 years. 17297.51 lbs. milk, 836.21 lbs. fat at 5 years. The world's milk record for mature Guernsey cow.

Dam of Dolly Dimple, 14009.13 lbs. milk, 703.36 lbs. fat at 2 years 11 mos. World's record of all breeds for a 2-year-old-heifer. Re-test, 18458.8 lbs, milk, 906.89 (world's.) lbs. fat.

Also dam of Dolly Bloom of Langwater A. R. 674—12024.50 lbs. milk, 632-34 lbs. fat, and Southampton 9560 sire of 1 Adv. R. cow.

Itchen Jewel 1112 E G H B

3d prize Bath & West, England, 1899.

2d prize Royal Counties, 1899.

Sire of Royal Rose of Easton 15483—9576.9 lbs. milk, 517.8 lbs. fat at 3 yrs. of age.

1st at Royal Show 1902.

Claremont May Rose 8648 E G H B

2d prize over Island 1895.

1st prize over Island 1896-7-8

1st prize in England 1897.

1st prize at nearly all English shows of 1890-91-92.

1st and Championship 1902

1st at London Dairy Show 1901.

Imp. May Rose 4th 7682—record for the Ellerslie herd, 442 lbs. butter fat.

May Day 1132 E G H B

1st prize Royal Counties Show 1898

1st Bath & West 1899.

Sire of Suzerain 1252 E G H B

3d prize Bath & West 1900.

H C Royal Counties 1900.

C Royal 1900. 2d East Kent 1901.

Grandsire of Melanie of Goodnestone 3d 15485—7415.5 lbs. milk 387.76 lbs. fat at 2 years of age.

Daisy's Gem 3341 E G H B

John R. Gentry 4655

Half brother of Glenwood Boy of Haddon A R 8, sire of 20 A R daughters, including Dairy Maid of Pinehurst, Champion Cow of Iowa Dairy Cow Contest—milk, 14562 lbs.; fat, 869 lbs.

Jedetta of Pinehurst—milk, 15109.10 lbs., fat, 778 lbs.

Dosia II. 10072

Divan 5846

Sire of Islesboro 7733. Sire of Belle of Maple Ranch A R 685—9422.96 lbs. milk, 506.40 lbs. fat at 2½ years.

Dan Patch 6851, sire of 6 Adv. R. cows.

Dolly Bloom, holder of the world's milk record for the Guernsey breed.

Dolly Dillon 14226 A R 987—milk, 8926.20 lbs., fat, 416.72 lbs

Retest—milk, 8120 lbs. in 6 months.

Questa 11385

Loyal of the Hunguets 978 P S

1st prize 1896; 1st prize English; Royal 1902; 2d prize 1898; 1st prize 1900, at the Royal, Bath & West and Royal Counties Shows.

La Belle Francesca or France 5th 16689 A R 295

2d prize 1903—8551.9 milk, 381.1 fat; 3d prize with Bonnet Belle, St. Louis 1904—12311.2 lbs. of milk, 547.8 lbs. fat. Dam of La Belle Petite 18114.

Pharaon 43 P S

May Rose 1392 F S

3d prize old cows 1885.

3d prize over Island 1885.

Loyal of the Hunguets 978 P S

Sire of Itchen Beda 15627 A R 136—10642.1 lbs. milk, 548.72 lbs. butter fat. Sire of Deanie 7th 10926—502.9 lbs. fat for A. G. Lewis.

Claremont May Rose 8648 E G H B

1st London Dairy Show 1901; 2d prize over Island 1895; 1st prize R G A S 1896 and 1897; 1st prize over Island 1896 and 1897.

Active Lad 653

Sired the dam of Royal Rose of Easton 15483 A R 147—9576.9lbs. milk, 517.8 lbs. butter fat. 1st prize Royal Show 1902.

Lady de Sausmerez 30562

Pat of Haddon 3919 A R 1

Sire of Lcretia's Daughter 489.6 lbs.

Glenwood Girl 8th 461.9 lbs.

Lucretia of Haddon 467.6 lbs.

Lucretia 3d 435.7 lbs.

Arbutus of Haddon 455 lbs.

Glenwood Boy of Haddon A R 8; sire of 20 A R cows.

Yum Yum 2d of Haddon 7746

424.7 lbs. fat.

Banavie 3569

Sired Darthea A R 401—7488.7 lbs. milk, 392.5 lbs. fat; Goda—1st prize yearling in milk Pan-American Exposition.

Dosia 6990

Paxinosa 4454

Sire of Henry of Sunnyside 5001, that sired Pride of Ashland A R 162, milk 8360.10 lbs., fat 423.5 lbs.; Edna May of Ashland A R 254, milk 8631.79 lbs., fat 439.64 lbs.

Kitty Clover 8803

Prince of Primrose 3946

By same sire as Nellie of Sedgefield 44 lbs. milk per day.

Louise of Sedgefield 5216

Half sister of Trefoil, 17 lbs. butter in 7 days.

The Guernsey Booth at the New York State Dairyman's Convention.

By Henry Mason Knox.

The Guernsey booth at the New York State Dairyman's Convention attracted a good deal of attention. It was tastefully decorated in orange and white, the colors of the Club. Mr. Edgar A. Bishop, presided over it and was genial in explaining the excellent qualities of this noble breed. He distributed a good lot of literature and many registered with him as interested in his breed.

Pinned up on the wall of his booth were large drawings of that great winner in the western cow contest Dairy Maid of Pinehurst, also that great family, starting with Hayes Rosie, Dolly Bloom, Yoeman, and Dolly Dimple. Yeksa Sunbeam was shown, also that great capacious cow, Glenwood Girl, too. There were two drawings of a typical Guernsey cow as found on the Isle of Guernsey and as found on Isle of Jersey.

There were many small portraits and cuts of the best ones of the breed in revolving frames. This made a nice study of the breed and a number of converts no doubt. Success to the Guernsey breed is our word.

George W. Curtis of Potsdam, New York has just purchased two Guernseys and we predict a bright future for him. They were purchased from Jesse Thompson. The young sire is a fine individual in the form of Prince Rosendales' Jr's Pride 17881, and the heifer was Amelia of Maplehurst 27064.

Success Stock Farm, Canton, N. Y.

New York State Dairymen's Convention.

The thirty-fourth annual convention of the State Dairymen's Association and the Butter and Cheese Maker's Association of New York was held at Ogdensburg, Dec. 13–16. The public meetings were held at the Opera House, while the commodious State Armory of the National Guards was used to house the exhibits.

The opening session was held on Tuesday evening, the welcome address being delivered by Acting Mayor E. P. Leynch. A response on behalf of the dairymen was made by Prof. C. H. Tuck of Cornell, who urged co-operation and greater interest in their business.

Mr. H. C. Elwood of Buffalo also spoke. The annual address of President J. D. Frederickson was read and listened to most attentively by those present. It was followed by that of President H. C. Leong of the Butter and Cheese Makers' Association. The latter spoke strongly in favor of amalgamation with the Dairyman's Association. At a business session later in the week this coalition was carried out with an agreement as to division of time on the program at the annual meetings.

President Leong came out in no uncertain terms against the use of the word "Butterine." It is felt that the term "Oleo" should be used to distinguish the product from butter. People are apt to confuse the word butterine with butter and be deceived when purchasing. Later, on the program Assistant Commissioner of Agriculture Flanders, spoke on "Prevention of fraudulent sales of Oleomargarine."

The administration of Raymond A. Pearson, state commissioner of agriculture, was most heartily endorsed by the convention, and a resolution passed requesting Governor Dix to continue Mr. Pearson in that office.

It is seven years since the dairymen held their convention in Ogdensburg and it is said there was a large attendance at that time.

This year the attendance was very light, and while there are about 350 life members, and 175 annual members for 1910—between five and six hundred in all—it was difficult to get an audience in the Opera House of over 100 persons all told.

At the Armory there was an excellent exhibit of dairy products, machinery, farm and barn appliances, all most tastefully arranged.

The Holstein-Friesian, Jersey and American Guernsey Cattle Clubs each had a booth with representatives in charge and a stock of literature for distribution to the dairymen.

The latter, however, were few in numbers, and the exhibitors who had come long distances and gone to no little expense and pains to be on hand and display their goods in an attractive manner were greatly disappointed. The question asked on all sides was: "Have you seen a farmer anywhere?"

Hardly any of the townspeople even came in, and the exhibitors gathered in the center of the building and sang songs to drive away that lonesome feeling. Several reasons were given for the lack of attendance. First, the weather, and it was cold and snowy for several days, and it was not pleasant to leave the warm fireside.

Second, it was "Turkey week." Large numbers of turkeys are raised in this part of the state, and farmers had to stay at home and dress their crop for market, as this is the week when the Boston and New York buyers had "Turkey days" in the near-by cities, and came to buy for the Eastern markets. Thursday was Turkey Day in Ogdensburg. Ogdensburg is the leading city in St. Lawrence county, noted far and wide for its dairy products. Of the five counties in New York state that lead all other counties in the United States in number of dairy cows St. Lawrence stands at the head. In the production of hay and forage, three counties in New York state lead the United States, and St. Lawrence stands at the head of this list also. In fact it claims to be the banner county of the whole country in dairying.

Prof. C. H. Tuck, in his address, alluded to the "passive" condition of the dairymen in this state.

Prof. H. H. Wing, president of the convention last year, in his annual address at that time, drew attention "to the fact that the average product of a dairy cow in this state, which is probably not more than 4500 lbs. of milk yearly, can give little or no profit to her owner or milker."

He states further that: "In individual cases the development and improvement of the cow has fully kept pace with development and improvement along other lines, but the great mass of dairy cows are still unsatisfactory producers."

The remedy for this state of affairs was declared to be co-operation and the organization of "Cow Testing Associations."

Prof. G. H. Hibbard of the Dairying Division Department of Animal Industry, Washington, D. C., gave a most instructive address on this subject before the convention, and it is to be regretted that so few were present to hear it. In fact the program was full of most excellent lectures on a variety of live subjects, which should have been well discussed by the farmers.

In 1906, when the convention was held in Elmira, the first Annual Banquet was held, and made from that date a permanent feature of the Association.

This year it was held on Thursday night and an excellent turkey supper was served.

Many prominent men were present who, in response to toasts, gave most amusing and instructive addresses.

Dean H. E. Cook, with a delegation of students from the Canton School of Agriculture, took in the convention and banquet. It was really inspiring to see this fine body of

earnest young men, who had come to learn all they could at this time, and a fine opportunity it was.

Hon. M. E. Derbyshire, M. P., from Canada, compared the conditions in his country with those on this side of the St. Lawrence river. He described a ride on a certain road where he met three dairymen not far apart. One was a $40 a year cow man, the next a $68 cow man, and the third a $15 to $18 cow man. He said the $15 cow man was a kicker and gave more trouble at the factory than any other. He always thought the price of cheese was too low and something was surely wrong at the factory; but he could not see anything wrong at home.

These $15 and $18 cow men, he stated, did not attend Dairymen's Conventions as a rule. The speaking lasted till nearly 1 o'clock and was listened to with great interest.

The closing session was held Friday morning in the Opera House.

Isaac Hunt of Adams was elected President for the coming year, and Mr. R. B. Kirkland of Philadelphia, N. Y., re-elected secretary.

Some Guernsey Talk.

In the Farmers' Review of August 20, Mr. F. L. Houghton, Secretary of the American Holstein-Friesian Association assumes that farmers who do not own Holsteins will repent in sack cloth and ashes and flood the market with their 750-pound toy fawns who charge for the maintenance of 750 pounds of beef, and get Holsteins that charge for 1,600 pounds before they will produce 15c. per cwt. milk out of $1.50 per cwt. grains and then be shunned by all buyers when ready for the block because she is coarse and paunchy.

Dairying is divided into six classes and the Holstein holds undisputed command of certain branches, but not in all, as I will prove. Class 1: City milk supply with Holsteins in the lead. Class 2: City Cream supply. The Geneva (N. Y.) experiment station has proven the following in a test for a given time: Holsteins produced 630.5 quarts of cream; Guernseys, 676.5 quarts; Jerseys, 668.5 quarts; Shorthorns, 657.4 quarts, and Ayrshires, 580.4 quarts. Cost of production per quart: Holstein, $.0804; Guernsey, $.0682; Jersey, $.0676; Shorthorn, $.0726, and Ayrshire $.085. Profits as follows: Holstein, $74.40; Guernsey, $87.70; Jersey, $86.80; Shorthorn, $79.92, and Ayrshire, $65.48.

Class 3 belongs to the Holstein as an ideal condensary cow, while in Class 4, that of the cheese factory paying by fat content, a Wisconsin dairyman tells me he got $2 per cwt. for his Guernsey milk and his Holstein neighbors were getting $1.25. I doubt if the Holstein makes easier money at $1.25 than the Guernsey at $2. In Class 5, where cheese factories pay per cwt., the Holstein takes her place.

THE HOLSTEIN AT THE "MIDDLEMAN'S CREAMERY."

Mr. Houghton says the Holstein is the cow for the "middleman's creamery," because she gives the largest amount of the finest and best milk to make the finest and best butter. In the first place she does not give the finest and best milk and therefore, in the second place, she cannot produce the finest and best butter. Mr. Houghton is ignorant of impartial statistics or considers all readers of the Farmers' Review a bunch of unreasoning simpletons who could not tell a lopsided article from a bad case of garget. The New York experiment station computed the cost of production of a pound of butter-fat in the several breeds as follows:

Guernseys	18.4c	15.5c
Jerseys	20.0c	18.5c
Devon	23.0c	19.0c
Ayrshire	24.3c	22.8c
Holstein	26.3c.	26.4c

The New Jersey station figured it as follows:

Guernsey	15.3c
Jersey	17.9c
Ayrshire	20.6c
Shorthorn	20.8c
Holstein	22.4c

And again the New Jersey experiment station took three mature cows of each breed and for nearly nine months computed the cost of feeding and the product, obtaining the following results: Guernsey, $28.33; Jersey, $18.67; Holstein, $6.71; Ayrshire, $9.64; and Shorthorn, $9.32.

The New York experiment station took heifers of these different breeds with their first calf, and the profits for ten months were as follows: Guernsey, $27.60; Jersey, $22.17; Holstein, $5.75; Holderness, $4.65; Devon, $4.30. So much for the cost of production. Now for the "finest and best."

The Abbott dairies furnish milk and cream to Philadelphia and Atlantic City, and say they can distinguish Guernsey milk and cream from all others for its golden color and rich nutty flavor, and they say the trade prefers it to all others. As to quality study the Pan-American exposition test results.

In the same contest in the cost of a pound of butter, the Guernsey, Jersey, French Canadian, Polled Jersey, Ayrshire and Red Polled, in order, beat the Holstein.

Breed	Flavor	Grain	Color	Salt	Finish	Total
Guernsey	41.54	24.83	14.97	10	5	96.34
Jersey	41.25	24.90	14.65	10	5	95.80
Polled Jersey	41.07	24.90	14.67	10	5	95.64
French Canadian	40.87	24.70	14.20	10	5	94.80
Brown Swiss	40.95	24.55	14.28	10	5	94.78
Shorthorn	40.89	24.43	14.27	10	5	94.59
Dutch Belted	40.925	24.375	14.175	10	5	94.475
Red Polled	40.86	24.34	14.27	10	5	94.47
Holstein	40.75	24.26	14.38	10	5	94.39
Ayrshire	40.55	24.42	14.15	10	5	94.12

PAN-AMERICAN TEST RESULTS.

With all the Holstein quality she did not show one quart of cream or milk or one pound of butter on exhibition at the National dairy show last year, while a member of the State sanitary board told me that Holstein dairymen had to be told they must stop watering the milk and when spied out and found not watering the milk, they were told to get a Jersey or Guernsey or two to bring up the test to requirement. So the little 750 pound toys have to contribute to the flood to make it classify for the trade.

Profit is the difference between cost of products and selling price and not the amount produced. Colantha's 4th Johanna is ten years old and has produced but two calves, being on the edge of the butcher block before a breeding power came to the rescue. At eight years old, after years of rest, she made her world's record, so nearly approached by three other cows, two of which are but heifers and the other one milking thirty-seven months straight and producing three calves during that period, the last twelve months of which time she produced within 44 pounds of fat of Jacoba Irene.

I challenge Secretary Houghton to publish in the Review the ages, number of calves, butter-fat production, food consumed and profit made by the best ten yearly records of the Holstein breed. I feel safe in saying our sister club, the Jersey, will join in producing 20 more profitable yearly records.

"Give the lordly steed his equine grace;
Give to the farmer large reward for toil;
Give the milkman honor due his place,
For the Guernsey's mistress of the soil."

J. M. HARVEY.

Van Buren Co., Mich.

—*Farmers' Review.*

Wawa Dairy Farms

Wawa, Delaware County, Pa. **Geo. Wood, Proprietor**

18 Miles from Philadelphia, Central Division, Pennsylvania Railroad, Farms adjoin depot.

Three France Bulls in Service

Imp. France's Jewel V. 11396

Bred by P. D. Ozanne, Island of Guernsey. Purchased Nov., 1907, since which time he has been our chief service bull.

Sire, Imp. Masher's Sequel 11462. **Dam, France VI. R. G. A. S. 4620 P. S.**

Imp. My First Hero 13896

Bred by N. De Mouilpied, Island of Guernsey. Imported September, 1908.

Sire, Imp. Golden Hero of L'Etiennerie 12647. **Dam, Freezia VI. 6554 P. S.**

Imp. Milkyway's Masher of Wawa 14755

Bred by Alfred Le Patourel, Island of Guernsey.

Sire, Fanny's Sequel 1814 P. S. **Dam, Imp. Milkyway V. 25692**

Our bulls all trace at least three times to the most valued sources of "France" blood.

The sire of Imp. France's Jewel V. is by France's Masher II., that in turn is out of Imp. La Belle France, four times champion over Guernsey.

His dam, France VI. and her full sister, France VIII., are the most celebrated France cows of the day.

The sire of Imp. My First Hero is out of a prize-winning daughter of France's Jewel II., sire of four A. R. cows, and own brother to France VI. and France VIII., as above.

His dam, Freezia VI., is likewise by France's Jewel II, making him a double grandson of this celebrated sire.

Imp. Milkyway's Masher of Wawa, is by Fanny's Sequel, a son of Masher's Sequel, out of a daughter of France's Masher II. His dam, Imp. Milkyway V., is by Masher's Sequel, out of a daughter of Imp. Island Champion.

Beauty, Utility and Popular Breeding Combined

Address all correspondence, relative to the purchase of stock, to

SAMUEL I. MURPHY, Cattle Sales Representative

Imp. Billy's France of the Hogue 14362.

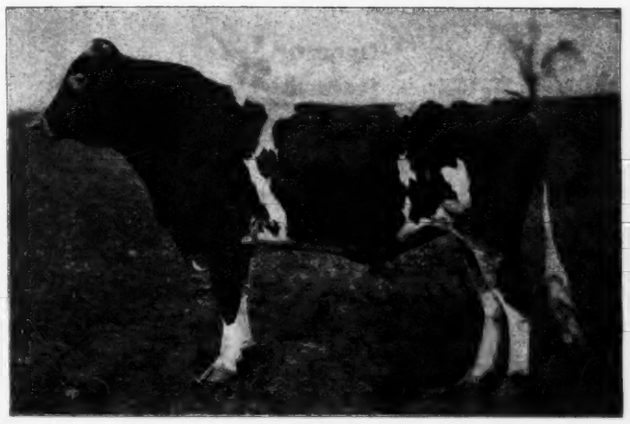
SIRE—Imp. Billy's France 12476.
DAM—Imp. Sundari XXV. 28232.
Champion Guernsey Bull at Canadian Exposition, Toronto, Canada, 1910.

Glenwood Girl of Waukesha 29640.

SIRE—Glenwood's Main Stay 6067. Adv. R. 26.
DAM—Essie Jeweller 14265.
3d Prize Heifer Calf Iowa State Fair, 1910.
1st Prize Heifer Calf Minnesota State Fair, 1910.
1st Prize Heifer Calf Michigan State Fair, 1910.
3d Prize Heifer Calf Illinois State Fair, 1910.
2d Prize Heifer Calf National Dairy Show, 1910.

RECENT WINNERS AT THE FAIRS.

Owned by A. W. & F. E. FOX, Waukesha, Wis.



King Talladeen of Chestnut Hill 13460.

SIRE—Skeezicks 9979.
DAM—Talladeen 17510. Adv. R. 929. 633 lbs. fat.
3d Prize Yearling Bull Iowa State Fair, 1909.
1st Prize " " Minnesota State Fair, 1909.
1st Prize " " Wisconsin State Fair, 1909.
2d Prize " " Alaska-Yukon-Pacific Exposition, Seattle, 1909.
2d Prize Two-year-old Bull Iowa State Fair, 1910.
2d Prize " " Minnesota State Fair, 1910.
3d Prize " " Wisconsin State Fair, 1910.
2d Prize " " Michigan State Fair, 1910.
2d Prize " " Illinois, State Fair, 1910.
2d Prize " " Iowa State Dairy Show, 1910.
2d Prize " " National Dairy Show, 1910.

Molly of Pomery 27605.

SIRE—Roscoe of Locktown 12549
DAM—Annie Mary 21486
1st Prize and Junior Champion Yearling Heifer at Michigan and Illinois State Fair and Iowa State Dairy Show 1910.

Alabama.

Lillie, John, Smith's Station. Box 8.

California.

Fern Ridge Farm, Box 325, Santa Cruz.
Frey, E. R., Byron.

Connecticut.

Grassland Farm, Chapinville.
Tuttle, Howard B., Naugatuck.

Georgia.

Fern Crest Dairy, C. L. Willoughby, Supt., Sandersville.

Illinois.

Brophy, Dr. T. W., 6 East Madison St., Chicago.

Iowa.

Quarton, W. B., Algona.
Wilcox & Stubbs, Des Moines.

Island of Guernsey.

LePatourel, Alfred, Ramee.

Kansas.

Krueger, R. C., Burlington.

Maryland.

Merryman, James McK., Lutherville.
Rich Neck Farms, Clairborne.
Shoemaker, S. M., Eccleston.

Massachusetts.

Langwater Farms, North Easton.
Linda Vista Farm, Holliston.
May, E. Porter, Framingham.
Shaw, Robert G., 2d., Brookline.
Staats, Robt. P., Great Barrington.

Minnesota.

Woodend Farm, Excelsior.

Missouri.

Duston, John H., Hamilton.

New Hampshire.

Clover Ridge Farm, Peterboro.
Melvin, F. O., Bradford.
Rich, C. M., Lancaster.

Nebraska.

Wood, W. Righter, West Leavenworth St., Omaha.

New Jersey.

Gill, E. T., Haddonfield.
Hope, J. L., Madison.
Meadow Brook Farms, Bernardsville.
Middlebrook Farm, Allenhurst.
Strawbridge, Mrs. E. W., Moorestown

New York.

Bartholomew, H. A., Whitehall.
Benedict, F. H., McLean.
Benham, F. G., Canandaigua.
Bird, Albert A., Cattaraugus.
Blandy, I. C., Greenwich.
Ellerslie Stock Farm, Rhinecliff.
Katonah's Wood Farm, Katonah.
Kendall, Franklin S., Howells.
Lewis, Alfred G., Geneva.
Moore, Claude, Tivoli.
Morton, W. J. & C. G., Morton Corners. P. O., Springville.
Peck, Corydon, Locke.
Richmond, Dr. Nelson G., 74 East Main St., Fredonia.
Sisson, C. L., Almond.
Tallman, G. B., Fayetteville.
Tarbell Farms, Smithville Flats.
Taylor, Clayton C., Lawton Station
Wilbur, Charles E., Greenwich.

Ohio.

Axtell, L. V., Perry, Box 106.
Beidler, J. A., Willoughby.
Chestnut Hill Farm, Coalburg.
Hudson, J. F., Ravenna.
Love, Geo. W. & Sons, Garrettsville.

Oregon.

Estate of W. S. Ladd, Portland.

Pennsylvania.

Chesterbrook Farm, Berwyn.
Fretz, Wm. F., Pipersville.
Gabler, B. F. & Sons, Greensboro.
Harriton Farm, Bryn Mawr, Pa.
Hyde, T. E., Bloomsburg.
Phillips, M. T., Pomeroy.
Pollock, R. A. Jr., Parker's Landing.
Snavely, H. H., Wellow Street.
Snyder, A. J., Plumsteadville.
Wawa Dairy Farms, Wawa.

Wisconsin.

Cunningham, M. D., Kansasville.
Fox, A. W. & F. E., Waukesha.
Fruit Bros., Platteville.
Helendale Farms, Athens.
Hickcox, J. Gilbert, Whitefish Bay.
Hill, Chas. L., Rosendale.

TRANSFER OF GUERNSEY CATTLE

From Nov. 21, to Dec. 19, 1910.

BULLS.

Name and Number.	From	To
Aldham 18020	E. B. Cassatt	J. L. Hope, Madison, N. J.
Alfreda's Coral 16625	Dr. David Roberts	Albert Schlawin, Cochrane, Wis.
Algero 16600	J. L. Snyder	H. P. Deering & Holmer Smith, Jackson, Mich.
Aragon 18087	W. R. Dunlop	A. H. Flint & A. L. Evans, Worcester, N. Y.
Armadillo of Oak Brook 18125	F. O. Butler	Oscar L. Zilm, La Rose, Ill.
Asbel 14231	Christine Gilbertson	William S. Loberg, New Hope, Wis.
Attractive Raynold 17811	Leon J. Delahaut	Joe Burkart, New Franken, Wis.
Banzlupa 15828	Joseph A. Blake	Emile Thomen, West Goshen, Conn.
Belle's Excelsior 16190	The Jean DuLuth Co.	Archie L Carver, Faribault, Minn.
Bill Taft of Forge View Farm 15078	John E. Haynes	John Caswell, Margaretville, N. Y.
Billy of Maple Lodge 15920	Nathan C True	A. A. Carter, Union, Me.
Billy Stranford 14920	J. N. McLeod	Frank Burg, Platteville, Wis.
Billy T. 14626	Melvin Thomas	John S. Petteys, Greenwich, N. Y.
Billy Wilson of Cuyuna 18197	Graves & Murphy	H. L. Wilson, Palisade, Minn.
Birch Hill Chief 17718	H. Douglas Verder	Lester J. Hayden, Hollis, N. H.
Ysabel Boy 17719	" " "	" " " "
Boisterous 9714	A. W & F. E. Fox	Charles E Eckerle, Withee, Wis.
Bonnie Bragg's Son 18072	Wilcox & Stubbs	A. R. Perkins, Lamont, Iowa.
Bonnie Millionaire 17731	Edward R Andrews	O. W. Daley, White River Junction, Vt.
Boulder Teacup 14488	T. Jefferson Coolidge	Amory A. Lawrence, Groton, Mass.
Brookside Buster 17539	D. H. Looney	Burt McArthur, New Era, Oregon.
Brookside Custer 17538	" "	S M. Shipley, Seattle, Wash.
Captain Knias 10289	James P. Fruit	McFarland Bros., Watertown, Wis.
Captain Robbie 2d 8466	J. E. Story	Walter Bros., Chippewa Falls, Wis.
Robbie's Sequel 15148	" "	" " " " "
Casterilius of Nelsonville 18052	Ralph Tratt	L. E. Gordon, Jr., Nelsonville, Wis.
Cato of Mapleglen 18165	H. W. Wigman	M S. Farr, Rogersville, Mich.
Cato's Crest of Manor 17339	" "	Alford Tow, Haviland, Ohio.
Champion's Buster 15420	Wilcox & Stubbs	J. V Blackford, Hampton, Iowa.
Chester of Pleasant View Farm 16371	Amos C Spaulding	French Bros., Bertrand, Mich.
Chicona Lad 18106	Albion L. Gile	Otto Rosendahl, Chinook, Wash.
Chief Tom 11148	William Johnson	Thomas Casey & Co., Litchfield, Minn.
Choice's Strongheart 18082	C M. Rich	W. D Pinkham, Lancaster, N. H.
Christmas Knight 16210	Charles L. Hill	Judson Knight, River Falls, Wis.
Clark of Arcady 14091	Samuel Insull	A A. McKain, Monticello, Ind.
Claude of Cherry Mount 18066	Charles W. Zimmerman	J. Forney Young, Hagerstown, Md.
Cold Brook's Lad 18071	John H. Bowlby	T. C. Warrington, Salem, Ohio.
Colonel Yeksa of Hartland 17464	Crouch Bros.	George Seaborn, Wales, Wis.
Corinne's Masher 18225	George H. Weston	Woods & Morrison, Freedom, Maine.
Count Nicholas 11007	M. J. Loomis	Elmer D. Ballou, Becket, Mass.
Count of Great Barrington 14999	R. P. Staats	W. Robert Dunlop, Fayetteville, N. Y.
Cream Pot 2d's Count of Meadow Brook	Walter B Holcomb	Albert H. Nye, Blandford, Mass.
Dalena's Excelsior 17768 [18037	The Jean DuLuth Co.	Alex E. Oman, Grandy, Minn.
Dan of the Cedars 13234	Nelson M. Peck	Charles Cornford, Randolph, Wis.
Derinna's Casterilius 18051	Ralph Tratt	L. G. Johnson & C. Grant, Whitewater, Wis.
Dick Stranford 18068	J. N. McLeod	William McLeod, Livingston, Wis.
Doctor Don 15919	E. C. Converse	W. H. Minor, Greenwich, Conn.
Duchess of Erie 2d's Boy 17744	Wilcox & Stubbs	Carl Flatland, Slater, Iowa.
Duke of Dayton 18039	Westmoreland Davis	G. G. Ernshaw, Dayton, Ohio.
Duke of Maple Dale 17117	Schaufler & Every	Wesley W. Clark, Delhi, N. Y.
Duke of the Crags 18196	Est. M. I. Wheeler	Mrs. E. B. Andrews, Tyringham, Mass.
East Horn's Boy 14922	W. A. Sutherland	H. L. Davis, Pepacton, N. Y.
Elkwood Boy 18041	H. L. Sandford	Harry Hildreth, Bridgehampton, N. Y.
Enid's Prince of Orange 18014	F. A. Owen	T. R. Winter, Worthington, Ohio.
Financier Boy 18171	George M. Carpenter	Walter A. Gustin, Waymart, Pa.
Financier Lad 18170	" "	Fred Hubbard, Chickasha, Okla.
France's Jewel of Harriton 18059	George Vaux, Jr.	Walter H. Harrison, Lebanon Springs, N. Y.
France's Jewel XIII.'s Son of Lewison	W. C. Hollister	John W. Thorp, Seneca Falls, N. Y.
Frolic-wood of Bide a Wee 17217 [16156	James M. Donald	William Woodward, Mount Kisco, N. Y.
Imp. Galaxy's Sequel's Royal Gem 16925	F. B. Buckley	Irvin Buckley, Schaghticoke, N. Y.
Gay Lad of Sparta 14412	W H. Hanchett	A J. Torrey, Sparta, Wis.
General of Birchwood 14748	M. L. Welles	J. R. Fleming, Merrimack, Wis.
Glen Boy 17206	Joseph Waugh	C. D. Hillerman, Reading, N. Y.
Glenbrook 18088	James M. Codman	F. O. Melvin, Bradford, N. H.
Glen of Venetia 14894	S. F. Cooper	H. S. Post, Washington, Pa.
Glenwood Boy of Cochranville 16462	Kennell Bros.	Amos K. Rothenberger, Worcester, Pa.
Glenwood Grant 14824	I. C. Blandy	C. P. Noyes, Trumbull, Conn.
Glenwood of Jerusalem 17288	Arthur P. Tuller	Arthur P. Tuller & William Hearn, Port Byron, N. Y.
Glenwood Pride of Maplehurst 17701	G. B. Tallman	John E. Haynes, Seager, N. Y.
Glenwood's Beauty Boy of Iowa 16366	Wilcox & Stubbs	G. A. Dunn, Villisca, Iowa.
Glory's Glenwood 18172	George M. White	F. E. Benjamin, Livingstonville, N. Y.
Goda's Prince Royal 15476	Wilcox & Stubbs	P. F. Folck, Woodward, Iowa.
Golden Nugget of B. 18095	M B. Rowe	J. D. Dillon, Purcellville, Va.
Governor Beatrice 13374	M. D. Cunningham	Percy Aldrich, Burlington, Wis.

Name and Number.	From	To
Imp. Governor of the Fountain 15381	George W. Ott	E. B. Morris, Philadelphia, Pa.
Imp. Governor's Robert 17476	Alfred G. Lewis	Wilmer S. Wilson Ovid, N. Y.
Governor Victoria 18215	Albert C. Loring	Alfred Anderson, New Germany, Minn.
Grassland's Roll of Honor 18200	Robert & Herbert Scoville	C M. Rich, Lancaster, N. H.
Guernsey Chief of Shady Nook 17352	W. J. Downing	R. J. Smith, Southbranch, Mich.
Gurexa's Sequel 18174	H. A. Bartholomew	George M. White, Freehold, N. Y.
Henricus of Hilly Beach 17192	Dr. David Roberts	Miles B. Craft, Chicago, Ill
Henrietta's Prince of Elder Grove 17771	William Wied	Curtis & Knilans, Fort Atkinson, Wis.
Highland's Merry Anton 2d 14924	W. H. Gratwick	Charles J Mangeot, Fulton, N. Y.
Hinterland Premier 16731	A. W. & F. E. Fox	W. K. Wilson, Mukwonago, Wis.
Hiram Michener 18115	Mrs. Flora S. Michener	Harry Vasey, Mechanicsville, Pa.
Holden of Edgewater 15003	F. G. Benham	G. B Bartholomew, Geneseo, N. Y.
Homestead of Shook Farm 18210	H. H. Stambaugh	Silas Shook, Youngstown Ohio.
Hylas 2d 18130	John E. Calhoun	H. G. Wright, West Goshen, Conn.
Ivandale s Glenwood 18078	W. W. Evans	Joseph V. Nichols, Purcellville, Va.
Jim Stranford 17815	J. N. McLeod	Wilmot Leckington Lena, Ill.
Johnny D. 18195	W. J Dawson	Albert Hauser, La Crosse, Wis
Josephine's Monmonier 17263	S. F. Cooper	Charles E. Williams, Monongahela, Pa.
King Hunter 10682	Henry A. Kuter	Charles L. Hill, Rosendale, Wis.
King of Louis Corners 18177	F. F. Thielke	Herman Loos, Kiel, Wis
King William of Maple Ranch 14087	Hopewell Bros.	Miss Mary A. Mixter, Hardwick, Mass.
Lamorel's Goldheels 18708	H. W. Wigman	Ernest W. Sass, Wenona, Ill.
Leading Lady's Endymion 17839	W. H Hanchett	Mrs. Emma Hovland & Son, Sparta, Wis.
Lewis of Lindenwood 18185	C. W. Oviatt	M. W. Rowell, Hartland, Wis.
Lime Storm 18096	W. A. Sutherland	R. L. Every, Delhi, N. Y.
Lord Hardwick of McIndoe Falls 18209	Est. George Mixter	Horace W. Gleason, McIndoe Falls, Vt.
Lord Longford 16302	J. D. Powers	Paul Hecker, Osceola, Wis.
Lord Nixon of Riverside Farm 17041	Edward Porter May	P. W. Cullinan, Oswego, N. Y.
Lucille's Major 18084	James B Secrist	William McCune, Dawson, Pa.
Lukes of Lindenwood 18184	C. W. Oviatt	H. Riedeburg, Hartland, Wis.
Maid's Glenwood Twinkle 17524	Wm. H. Caldwell	G. N. B. Tuttle, Sterling, Mass.
Major of Eastside 18180	Albert A. Bird	J. P. Crandall, Salamanca, N. Y.
Manoa 2d 14131	Harry A. Paxson	M. T. Phillips, Pomeroy, Pa.
Manoa 2d 14131	M. T. Phillips	James Campbell, Kane, Pa.
Marais Source III.'s Son 15274	Edward Salmon	A. R. Jettner, Chicago, Ill.
Masher's Ledyard Boy 18213	W. A. Alexander	George L. Bench, Aurora, N. Y.
Masterpiece of Lind 18222	Charles H. Glocke	Edward F. Munsch Weyauwego, Wis.
Maud's John Granger 17310	Thomas Hewatt	Lewis Burdick, Florida, Mass.
Maximilan of Lindenwood 15261	C. W. Oviatt	George Todd, Belmont Wis.
May Bird of Maudesleigh 17632	F. S Moseley	Edgar E. Bartlett, West Newbury, Mass
Mernie's Glenwood 16208	Charles L. Hill	G. Kemink Castlewood, S Dak.
Milton Lily's Prince 18176	A. J. Snyder	S. P. Greene Easton, Pa.
Mr Wasteland 15781	Cross Bros.	G. H. Beckett, Ridgeway, Wis.
Muldoon of Westwood 17469	W. J. & C. G. Morton	Fayette Searl, Franklinville, N. Y.
Munich 14665	A. C. Gardiner	M. G. Thomas & Anna Thomas Howell, Whitford, Pa.
Nancy Mac's Son of Iowa Dairy 15088	H. A. C. Taylor	Percy R. Pyne, Bernardsville, N. J.
Napoleon of Sunnyside 12652	Wilcox & Stubbs	L. C. Gourley, Villisca, Iowa
Natoma Russello 18126	Natoma Farm	Kiefer Bros., Bremen, Ind.
Navaho of Rush 18044	Uzal Kinney	McNama a Brothers, Cadis, Pa.
Nellie's Duke 18189	Milton D. Powell	Lawrence Warner, Altamont, N. Y.
Nick of Maplewood 16699	Willis J. Haviland	Peter L. Hawley, Stillwater, N. Y.
Niven Lad 18076	S. R Brunges	L. B. Park, Nicholson, Pa
Nymph's Robbie 18207	J. E. Story	H. C. Michaelson, Turtle Lake, Wis.
Pardette 17621	Est. Myron C. Wick	Louis Stark, Athens, Wis.
Pepita's Don of Bellmath 14729	M. E. Whitcomb	Wilcox & Stubbs, Des Moines, Iowa.
Pepita's Don of Bellmath 14729	Wilcox & Stubbs	C. C. Gingerich, Wellman Iowa.
Pirate 18143	W. I. Lincoln Adams	Brent Peddicord, Glenwood, Md.
Pomeroy 17147	Wilcox & Stubbs	Walter & Coleman, Mount Ayr, Iowa.
Pontiac of High Lawn 17638	William H. Minor	Charles O. Williams, Cummington, Mass.
Pretor of Grenwode 14807	E. R. Whitcomb	M. W. Rowell, Hartland, Wis.
Pride of Adonis 17589	George R. Cross	J. R. Williams, Viola, Minn.
Prince Edward of Grove Farm 16478	J. W. Price	I S. Mitchell, Buchanan, Mich.
Prince Elderon 16082	A. J. Plowman	Henry Glocke, Weyauwega, Wis.
Prince of Berne 18181	Lorenzo Van Tassel	Wallace A. Peasley, Berne, N. Y.
Prince of Boulder Farm 18187	Henry W. Farnam	Walter B. Allen, North Springfield, Vt.
Prince of Broome 17795	Charles T. Logan	Frank Stahl, Lewisburg, Pa.
Prince of Eldorado 18166	William Black	C. C. Skelton, Eldorado, Ill.
Prince of Oaklawn 3d 9720	C. H. Mayo	University of Minnesota, St. Anthony Park, Minn.
Prince of Riverview 18113	Charles L. Moore	R. C. Barrows & Son, McDonough, N. Y.
Prince Prim 16118	D. T. Strange	O. G. Cilley, Boston Mass.
Prince Roslyn 16532	W. D. Ward	W. S. Newman, Jefferson, Ohio.
Prince Vega 16467	George M. Carpenter	Ray W Hull Waymart, Pa.
Quiver 16209	Charles L. Hill	Charles D. Ettinger, Tinley Park, Ill.
Ramee's Grampian Duke 18027	William T. Thorp	J. R. Reed, Clearfield, Pa.
Raymond's Major of Richland 18190	James B. Secrist & Son	William Miller, West Newton, Pa.
Reckor of Maple Grove 18220	J. W. Grute	J. E. Barton, Townville, Pa.
Regal of Annandale 17247	Moses Taylor	Mrs. J. L. Harriman, Berryville, Va.
Rex of Maple Dale 17118	Schaufler & Every	R. L. Clarke, Delhi, N. Y.
Robert Van 17721	R. G. Van Valzah	E. E. Williams, Tolt, Wash.
Imp. Rollo Enham 17969	F. S. Peer	Charles B. Rogers, Clinton, N. Y.
Rosanda of Lewison 13790	Howard C. Bailey	M. T. Phillips, Pomeroy, Pa.
Round Robin, the Jeweller 16996	Mortimer Matthews	H. H. Curtis & G. A. Knilans, Fort Atkinson, Wis.
Rover of Annandale 16465	Moses Taylor	D. W. Goodrich, Mount Kisco, N. Y.
Royal Combination 11723	M. O. Rutherford	Max Hoffman, W. M. Daley & Henry W. Daley, Pine [City, Minn
St. Amant of Carwytham 17168	Henry N. Corwith	William H. Pierson, Water Mill, N. Y.

Name and Number.	From	To
Sampson of Cherry Mount 17975	Charles W. Zimmerman	Thomas D. Gold, Berryville, Va.
Schley of Cherry Mount 18065 [16043	" " "	J. P. Hardee, Kinston, N. C.
September of Guernsey and Mule Farm	A. D. Ballard	H. L. Aber, Wellsburg, N. Y.
Imp. Sequel's Champion 16919	F. B. Buckley	I. C. Blandy Greenwich, N. Y.
Imp. Sequel's Pride 16921	" "	J. A. Van Atten & A. Slingerland, Jerusalem, N. Y.
Sir Hickory Glen 18131	Don P. Northrup	Demas Mead, Halcott Center, N. Y.
Sir Wasteland's Yocum 15780 [16314	Cross Bros.	M. W. Stiles, Barronette, Wis.
Sixteen Thousand Three Hundred Fourteen	Est. George Mixter	John P. Bowditch, Framingham, Mass.
Sixteen Thousand Three Hundred Seven-	" " "	" " " "
Snyder of Willowdale 17788 [teen 16317	C. L. Sisson	J. Gilbert Hickcox, Whitefish Bay, Wis.
Squire of Glen Head 18199	Robert & Herbert Scoville	Louis Francke, New York, N. Y.
Star of Night 16650	H. D. Griswold	L. M. Thiers, Kenosha, Wis.
Imp. Success of the Maison de Bas 16910	W. W. Marsh	Edward Salmon, Beloit, Wis.
Sunlight of Fox Valley 15641	William M. Jones	Nels Hansen, Ludington, Mich.
Teddy B. of Lima 17079	Christ Muth	John P. Mueller, Kiel, Wis.
Thalax 13277	Fred A. Mowerson	Bert Blom, Richland, Mich.
Tom of Edgewood 11308	L. C. Huffine	Thomas D. Harden, Greensboro, N. C.
Tristan's Prince 16513	William M. Jones	J. A. Valentine, Madison, Wis.
Twinkle Bloom 18094	Canterbury Shakers	A. S. & A. D. Haight, New Lebanon Center, N. Y.
Velvet Standard 18188	R. L. Muzzy	John Philipp, Germantown, Minn.
Vrangue's Sequel of Willowdale 17784	C. L. Sisson [Willenbrock	Burr R. Cornwell, Perry, N. Y.
Wasteland of Bide a Wee 15346	Chas. C. Bahrenburg & Wm. C.	George E. Weart, Hopewell, N. J.
Watercress's Son 17745	Wilcox & Stubbs	Ed. Newcomer, Grinnell, Iowa.
Wa Wa Chief of Indian Hill 18083	O. S. Campbell	Paris R. Miller, Massillon, Ohio.
Wedding Bells of Waukesha 16844	A. W. & F. E. Fox	Charles J. Kuhtz, Waukesha, Wis.
Weston's Masher 16420	Geo. H. Weston	A. A. Oaks, Farmington Falls, Maine.
Winston 18128	Miss Willie Lee Inman	W. W. Reynolds, Winston-Salem, N. C.
Yeksa Knight 16205	Charles L. Hill	Lloyd Barber, Lamoille, Minn.
Yeksa's Donald 14500	William M. Jones	Otto H. Lieber, Indianapolis, Ind.
Imp. Yenadizze's Fig 16385	Howard Greene	Herman A. Heitmann, Fountain City, Wis.

COWS.

Abbie of Sarnia 33479	Charles L. Hill	Charles D. Ettinger Tinley Park, Ill.
Cottie Ramona 30570	" "	" " " "
Moonlight of Rosendale 22951	" "	" " " "
Addie Marshall 31018	D. S. Coombs	T. P. Davis, Bridgeton, N. J.
Adella of the Elms 30422	F. T. Wheeler	E. A. Carter, Springfield, Mass.
Agnes of Linden Apiary 32267	D. H. Coggshall	Corydon Peck, Locke, N. Y.
Clara of Linden Apiary 32345	" "	" " " "
Hamburg Belle of Maple Glen 34010	" "	" " " "
Hilma of Hickory Grove 20214	" "	" " " "
Polly of Hickory Grove 20215	" "	" " " "
Alliance 33994	E. R Whitcomb	M. W. Rowell, Hartland, Wis.
Anna of Hollywood 18669	E. T. Gill	Robert F. Whitmer, Hatboro, Pa.
Bonton of Alfalfa Farms 31033	" "	" " " "
Dove of Alfalfa Farms 31065	" "	" " " "
Glenwood Girl 4th's G. D. of Haddon	" "	" " " "
Hilda C. 2d 33867 [28929	" "	" " " "
Princess Coral of Paulsdale 26321	" "	" " " "
Queen Coral of Paulsdale 26320	" "	" " " "
Anne of Indian Creek 27004	Christ Muth	Anna C. Muth, Manitowoc, Wis.
Artie of Elmhurst 28130	George W. Love	Willis Hall & Sons, Blissfield, Mich.
Beauty's Lady 28900	" "	" " " " "
Gussie of Elmhurst 28129	" "	" " " " "
Lawton's Queen 28899	" "	" " " " "
Lawton's Queen of Virginia 27932	" "	" " " " "
Atolla of Hilltown 21292	C. F. Beaumont	Robert F. Whitmer, Ambler, Pa.
Imp. Aveline VI. of the Simons 30278	George W. Ott	E. B. Morris, Philadelphia, Pa.
Imp. Beauty VIII. of the Forgettes 30257	" "	" " " "
Imp. Lady Choiceness II. 30280	" "	" " " "
Imp. Lil VII. of the Forgettes 30259	" "	" " " "
Imp. Rosy of the Forgettes 30264	" "	" " " "
Imp. Rouge III. of the Fauxquets de	" "	" " " "
Imp Sarah Bern III. 30255 [Haut 30258	" "	" " " "
Bavaria 22848	A. W. & F. E. Fox	Gustave Pabst, Milwaukee, Wis.
Lillie of Poplar Grove 16344	" " "	" " " "
Beauty of Eldorado 33996	William Black	C. C. Skelton, Eldorado, Ill.
Beauty of Willowdale 27348	C. L. Sisson	J. Gilbert Hickcox, Whitefish Bay, Wis.
Bessie of Willowdale 24145	" "	" " " "
Elizabeth of Willowdale 26522	" "	" " " "
Fancy of Willowdale 24152	" "	" " " "
Fanny of Willowdale 24153	" "	" " " "
Lady Snip of Willowdale 29306	" "	" " " "
Sukine of Willowdale 26519	" "	" " " "
Sula of Willowdale 26523	" "	" " " "
Imp. Beechwood Pearl 4th 33703	F. S. Peer	Arthur Meeker, Lake Forest, Ill.
Imp. England's Emblem 33718	" "	" " " "
Imp. Kingsmoor Carol 9th 33719	" "	" " " "
Imp. Kingsmoor Daisy 18th 33720	" "	" " " "
Imp. Rose of Goodnestone 33694	" "	" " " "
Belle of Bonita 33827	Bonita Guernsey Cattle Co	Jonathan King, Garden City, Mo.
Bonita's Golden Harriet 33829	" " " "	" " " "

Name and Number.	From	To
Belle of Locust Grove 8th 32661	Wilcox & Stubbs	Walter & Coleman, Mount Ayr, Iowa.
Cynthia of Locust Grove 32660	" "	" " " "
May of Locust Grove 32662	" "	" " " "
Topsy Fern Wood 2d's Daughter	" "	" " " "
Belle of Medford 27815 [33863	S. F. Harris	W. H. Allen, Chelsea, Wis.
Pride of the North 32119	" "	" " " "
Water Lily of Portage 25942	" "	" " " "
Imp. Belle of the Straits 29286	John Endicott	Stephen Nott, Pontiac, Mich.
Duchess of Oakland 33590	" "	" " " "
Belline of Indian Hill 33874	O. S. Campbell	E. C. Weble, Greensburg, Pa.
Berthrada 33362	August H. Vogel	Henry F. Hagemeister, Green Bay, Wis.
Gretchen B. 11107	" "	" " " "
Bessie of Niagara 32207	Charles J. Miller	E. D. Watkins, Lima, N. Y.
Gladys of Niagara 32182	" "	" " " "
Jennie of Meadowbrook 28027	" "	" " " "
Pansy of Niagara 32181	" "	" " " "
Bessie of Sunnyside 30163	Lee S. Clymer	Delaware College, Newark, Del.
Clover Leaf of Sunnyside 16546	" "	" " " "
Clover Seed of Sunnyside 23834	" "	" " " "
Jacque Rose of Sunnyside 20456	" "	" " " "
Nellie Custis of Sunnyside 30164	" "	" " " "
Pond Lily of Sunnyside 20455	" "	" " " "
Rosy O'Grady of Sunnyside 23844	" "	" " " "
Sunflower of Sunnyside 23837	" "	" " " "
Tea Rose of Sunnyside 30161	" "	" " " "
Water Plant of Sunnyside 23835	" "	" " " "
Bessie's Sequel 27748	Edward R. Andrews	George Stephens, White River Junction, Vt.
Beth's Bonnie 21752	L. A. & W. L. Benedict	Walter L. Benedict, Marengo, Ohio.
Elberta Beth 17243	" " "	" " " "
Betty of Long Creek 15093	J. H. Wellman	A. A. Carter, Union, Me.
Blanche Select's Jennie S. 27674	N. E. Smith	Frank Drake, South Lansing, N. Y.
Imp. Blanche II. of les Quartiers 32086	F. B. Buckley	G. B. Tallman, Fayetteville, N. Y.
Imp. Duveaux Lily IV. 32082	" "	" " " "
Imp. Gay Lad's Sark Belle 33871	" "	" " " "
Imp. Mischief 32077	" "	" " " "
Imp. Ramee Victory 32087	" "	" " " "
Imp. Sark Belle II. 32076	" "	" " " "
Imp. Taylor's Dewdrop 32075	" "	" " " "
Bloomfield Dora 25417	A. W. & F. E. Fox	Otto H. Lieber, Indianapolis, Ind.
Bloss 22173	A. Mayo McKeown	Alex Macdonald, Blackstock, S. C.
Blossom's Bridget 29801	Wilcox & Stubbs	John G. Thompsen, Exira, Iowa.
Bob of Ledyard's Bessie 33815	Henry L. Holcomb	Walter B. Holcomb, Simsbury, Conn.
Bonnie Bragg 16789	Wilcox & Stubbs	Levi C. Nissley, Dallas Center, Iowa.
Bonnie Margaret 33030	D. H. Looney	Weed Park Willis, Seattle, Wash.
Bonnie Rosaline 22132	A. W. & F. E. Fox	Edgewood Farms, Pewaukee, Wis.
Coral Princess 16524	" " "	" " " "
Bonton of Alfalfa Farms 31033	Howard Shivers	E. T. Gill, Haddonfield, N. J.
Dove of Alfalfa Farms 31065	" "	" " " "
Brookside Beauty 30776	D. H. Looney	C. A. Posvar, Crabtree, Ore.
Brookside Princess 30087	" "	F. S. Hutchins, Oregon City, Ore.
Imp. Brouard's Polly 30275	George W. Ott	William Chalfant, Jr., West Chester, Pa.
Butter Queen of Cass 33929	Gardner A. Wigent	W. D. Kahler, Covey, Mich.
Camisole of Skippack 27201	A. W. & F. E. Fox	W. W. Marsh, Waterloo, Iowa.
Carol of Ulao 27774	Henry C. Blanchard	J. Gilbert Hickcox, Whitefish Bay, Wis.
Gypson's Lily of Clovernook 20025	" "	" " " "
Castello of Sunny Valley 22414	William M. Jones	F. A. W. Kieckhefer, Milwaukee, Wis.
Castello's Lassie 28015	" "	G. Kemink, Castlewood, S. Dak.
Casteroma 29324	Ralph Tratt	H. O. Henry, Beecher, Ill.
Charlotte Yonson 24864	E. L. Keipper	J. Gilbert Hickcox, Whitefish Bay, Wis.
Plymouth Maiden 19219	" "	" " " "
Charlotte Yonson 24864	J. Gilbert Hickcox	D. P. Daniels & Son, Vandalia, Mo.
Citation 24605	A. W. & F. E. Fox	Howard Greene, Genesee Depot, Wis.
Imp. Clara XVIII. of the Rouvets 28536	S. F. Cooper	F. T. Stewart, Washington, Pa.
Imp. Eva Tanguay 32670	" "	" " " "
Clarissa of the Elms 30424	F. T. Wheeler	Mrs. E. B. Andrews, Tyringham, Mass.
Imp. Clatford Lady Mead 3d 33701	F. S. Peer	Arthur Meeker, Lake Forest, Ill.
Imp. England's Butter Queen 33695	" "	" " " "
Imp. Florrie of Goodnestone 33704	" "	" " " "
Imp. Hale Butter Queen 33692	" "	" " " "
Imp. Hale Spot 33689	" "	" " " "
Imp. Hale Spot 5th 33698	" "	" " " "
Imp. Hale Spot 6th 33699	" "	" " " "
Imp. Hayes Fussy 4th 33710	" "	" " " "
Imp. Maize Marion 33707	" "	" " " "
Imp. Old Maid 9th 33697	" "	" " " "
Imp. Romana 34th 33706	" "	" " " "
Imp. Stanstead Primrose 9th 33705	" "	" " " "
Imp. Clatford Lady Mead 5th 33717	" "	F. S. Moseley, Newburyport, Mass.
Imp. Hale Charm 3d 33716	" "	" " " "
Imp. Hale Spot 10th 33714	" "	" " " "
Imp. Romana 38th 33715	" "	" " " "
Clover Leaf of Willow Brook 16536	G. B. Tallman	Willis Cleveland, Skaneateles, N. Y.
Rose of Maple Glen 10860	" "	" " " "
Coco Cola 22950	Henry A. Kuter	Charles L. Hill, Rosendale, Wis.
Creusa's Mabel 30055	James A. Dunning	S. O. Jose, Dexter, Me.
Rose of Dexter 33878	" "	" " " "

Name and Number.	From	To
Imp. Daisy Guilbert II. 32453	Geo. W. Love	O. R. Thompson, Cuyahoga Falls, Ohio.
Daisy of Lena 2d 19090	Gregory & Naylor	Edward Tilden, Delavan, Wis.
Vera Rider 20789	" "	" " " "
Daisy's Ethel 31918	Wm. M. Jones	Edward A. Walter, Walworth, Wis.
Lizette of Sunny Valley 31228	" "	" " " "
Deriline 20674	J. G. Hickcox	Wilbur F. Lefeber, Evansville Wis.
Ravenna 31538	" "	" " " "
Dolly D. Lee 31508	D. M. Lee	M. B. Rowe, Fredericksburg, Va.
Dorothy's Stella 29803	Wilcox & Stubbs	Ed. Newcomer, Grinnell, Iowa.
Dot Glenwood 30556	Charles L. Hill	E. A. Walter, Walworth, Wis.
Duchess of Erie 2d 25250	Wilcox & Stubbs	J. P. Hunt, Mount Pleasant, Iowa.
Duchess of Glenmere 22357	Alfred C. Durgin	Gilman Y. Durgin, New Market, N. H.
Imp. Duchess of Kent 33111	Arthur Meeker & Charles L. Hill	Charles D Ettinger, Tinley Park, Ill.
Imp. Duke's Nelly 33135	" " " "	" " " " "
Imp. Nelson's Lucy 33076	" " " "	" " " " "
Imp. Togo's Ginger 33100	" " " "	" " " " "
Imp. Togo's Rose 33120	" " " "	" " " " "
Imp. Duplain's Beauty 33097	" " " "	Charles L. Hill, Rosendale, Wis.
Edrye 22531	A. W. & F. E. Fox	Carl Olstad, Hanska, Minn.
Elma of Meadowbrook 27795	Charles J. Miller	E. D. Watkins, Lima, N. Y.
Esther M. 3d 32759	Christ Muth	Wm. L. Illian, Adell, Wis.
Tillie M. 32758	" "	" " " "
Evory's Queen 25897	Irvin Buckley	J. A. Van Atten, Jerusalem, N. Y.
Fair Margaret of Graymont 33630	Lucius Robinson	J. Gilbert Hickcox, Whitefish Bay, Wis.
Maid of Genoa 17828	" "	" " " " " "
Fair Nobska 24369	Est. George Mixter	F. I. Proctor, Wellesley, Mass.
Fairy's Daughter 11766	Buell T. Holcomb	The Beaver Brook Land Co., Milford, Conn.
La Belle of Cranberry Farm 26313	" "	" " " " " " "
Fastrada 32718	J. Gilbert Hickcox	Henry Houck, Hannibal, Mo.
Felicia of Pomeroy 33955	Est. Stephen Walker	M. T. Phillips, Pomeroy, Pa.
Fernwood's Ro 29482	A. E. Rundell & Sons	B. L. Rundell, Hammond, Wis.
Squire's Laurel of Richmond 27448	" " "	" " " "
Flamina 2d 32202	William Norris	Charles A. Groff, Creamery, Pa.
Flamina 2d 32202	Charles A. Groff	E. K. Bready, Chalfont, Pa.
Lilyvale of Bloomfield 27202	" "	" " " "
Flavinia of Grasslands 23990	Robert & Herbert Scoville	Louis Francke, New York, N. Y.
Flothorne of Grasslands 23989	" " "	" " " " "
Jethro's Lassie 23476	" " "	" " " " "
Masher's Regina 26327	" " "	" " " " "
Speculatress 32246	" " "	" " " " "
Zoecrest 23730	" " "	" " " " "
Folly's Glenstay 43831	Wm. H. Caldwell	G. N. B. Tuttle, Sterling, Mass.
Glenstay's Gypsy 33833	" "	" " " "
Freda of Pomeroy 31034	Harry A. Paxson	M. T. Phillips, Pomeroy, Pa.
Kit of Brush Creek 24934	" "	" " " "
Lillie of Tonicsville 18643	" "	" " " "
Sequel's Alanda 27906	" "	" " " "
Woodlawn's Nellie 28855	" "	" " " "
Girlie's Roxie of Birch Hill 34029	N. Alfred Nelson	C E. Redlund, Grove City, Minn.
Gistana of Orleton 23644	William and Rodney Proctor	Walter W. Holmes, Waterbury, Conn.
Glenwood's Glenora of Cloverleaf 22878	H. D. Griswold	L. M. Thiers, Kenosha, Wis.
Glenwood's Princess of Mishawaka 28222	William H. Yost	M. E. Lindenman & Son, South Bend, Ind.
Walter's Princess Margaret 33932	" "	" " " " " "
Golden Nellie of Bonita 29980	Bonita Guernsey Cattle Co.	L. D King, Garden City, Mo.
Theckla of Bonita 30938	" " " "	" " " " "
Imp. Grace of Lilyvale II. 21773	John R. Young	Eldorado Lewis, Fayetteville, N. Y.
Imp. La Vrangue of the Oaks 23882	" "	" " " "
Imp. Hale Spot 9th 33712	F. S. Peer	E. K. Bready, Philadelphia, Pa.
Imp. Stanstead Rose 5th 33713	" "	" " " "
Hampshire Lass 18403	C. M. Rich	C. H. Stevens, St. Johnsbury, Vt.
Hampshire's Choice 21901	" "	" " " " "
Hannah Pitcher 2d 24096	Anthony Higgins	Daniel W. Cush, Saint Georges, Del.
Jennie's Maud 13232	" "	" " " " "
Hawthorne's Marietta 19163	Harold H. Blake	A. S. & A. D. Haight, New Lebanon Center, N. Y.
Imp. Hayes Eva 20045	John A. Howard	Delaware College, Newark, Del.
Imp. Hayes Sweet Majoram 23488	" "	" " " "
Imp. Hayes Express 33690	F. S. Peer	E. W. Oglebay, Elm Grove, Va.
Imp. Lohier's Polly II. 33688	" "	" " " " "
Imp. Lottie of La Hougue 2d 33702	" "	" " " " "
Imp. Lynchmere Annabella 33693	" "	" " " " "
Imp. Lynchmere Nellie 33696	" "	" " " " "
Hesper of the Glen 18392	G. B. Tallman	Mrs. Geo. E. Holton, Catasauqua, Pa.
Lady Chilmark 2d 21330	" "	" " " " "
Victoria of Maple Glen 21218	" "	" " " " "
Hester Lyons 20411	Clarence W. Urie	T. E. Miller, Craftsbury, Vt.
Hillside Princess 27097	William M. Jones	Albert Wendorff, Shawano, Wis.
Hilstan 29026	F. B. Buckley	Amasa Slingerland, Delmar, N. Y.
Homestead's Violet Mary 33766	L. V. Axtell	Gedrge E. Halt, Plymouth, Ind.
Idalene 2d 31550	Willis J. Haviland	I. C. Blandy, Greenwich, N. Y.
Iredell's Carolina 18716	Samuel S. Neel	Wade H. Linker, Mooresville, N. C.
Jennie Lind of Briarbank 28874	W. T. Barbour	Seymour S. Olin, Galesburg, Mich.
Jennie Thompson 29223	Mrs. Chas. A. Penick	John S. Riehl, Leetonia, Ohio.
Mary Robbins 19993	" " "	" " " "
Jessie Fulton 33823	B. F. Nutting	C. L. Sisson, Almond, N. Y.
Jessie Roberts 17041	L. E. Gordon, Jr.	Andrew S. Anderson, Amherst Junction, Wis.

Name and Number.	From	To
Joan of Maple Glen 33951	D. H. Coggshall	Corydon Peck, Locke, N. Y.
Libby Select 21807	" "	" " " "
Lometa of Linden Apiary 27529	" "	" " " "
Wynona of Groton 24488	" "	" " " "
Katherina's Pearl 21868	Fred A. Payne	C. L. Frost, Odessa, N. Y.
Kathleen of Indian Hill 25433	O. S. Campbell	B. L. Keener, Greensburg, Pa.
Lady Austina 23338	William H. Minor	J. R. Beard, Greenwich, Conn.
Lady Boxerbird 34021	George R. Thompson	John G. Herrott, Canonsburg, Pa.
Susan's Sunbeam 34022	" "	" " " "
Lady Elizabeth 11818	John E. Willson	Thomas J. Lea, Towson, Mass.
Imp. Lady Forgette IV. 32080	F. B. Buckley	I. C. Blandy, Greenwich, N. Y.
Imp. Lil VIII. of the Forgettes 32079	" "	" " " "
Imp. Shamrock's Rosy 32081	" "	" " " "
Lady Morgan 33851	G. E. Morgan	Jonas Brotsma[illegible] Troupsburg, N. Y.
Imp. Ladysmith of the Hunguets 22715	Leon J. Delahaut	F. G. Benh[illegible] [illegible]gua, N. Y.
Lady Whitefoot 2d 31825	A. W. & F. E. Fox	O. W. Lehm[illegible], [illegible] Villa, Ill.
Lalla Boots 2d 11885	E. A. Pugh	Charles A. G[illegible]off, Creamery, Pa.
Lalla Boots of Oxford 30993	" "	" " " "
Lalla Boots of Haddon 23646	M. M. Vaux	M. T. Phillips, Pomeroy, Pa.
Lalla Boots of Haddon 23646	M. T. Phillips	A. W. & F. E. Fox, Waukesha, Wis.
Lilly of the Mountain 31753	William M. Jones	Fred Suckow, Ripon, Wis.
Lois of Elmside 33934	Orrin W. Jaquish	F. G. Schuerman, Twin Bluffs, Wis.
Louise of West Salem 22662	E. D. Brown	William P. Hitchcock, Sparta, Wis.
Margaret of West Salem 21535	" "	" " " "
Lovera 29425	Dr. David Roberts	Joseph Nicholson, West Brooklyn, Ill.
Lucette Belle 31229	Wm. M. Jones	O. W. Lehmann, Lake Villa, Wis.
Lucette of Wasteland 19430	" "	H. T. Williams, Waukesha, Wis.
Odette 10993	" "	" " " "
Lucinda F. 20309	A. W. & F. E. Fox	Alvin Parish, Whitewater, Wis.
Lucky Girl of Haddon 14708	N. Alfred Nelson	C. E. Redlund, Grove City, Minn.
Lura Hayes 2d 26163	E. C. Pinney	B. R. Arnold, Stafford Springs, Conn.
Imp. Ma Charmante 7th 33709	F. S. Peer	Miss M. M. Vaux, Bryn Mawr, Pa.
Imp. Lynchmere Vespasia 33700	" "	" " " " "
Imp. Lynchmere Vespasia 2d 33708	" "	" " " " "
Imp. Romana 37th 33711	" "	" " " " "
Maggie Thompson 19994	Est. Myron C. Wick	George Jerome, Jefferson, Wis.
Malcolm's Queen 2d 29305	Milton B. Sisson	J. Gilbert Hickcox, Whitefish Bay, Wis.
Imp. Marais Source III. 22561	Edward Salmon	Earl Roberts, Oconomowoc, Wis.
Mary Wilson 17495	Henry Wick	Est. Myron C. Wick, Youngstown, Ohio.
Millicent of Arrowmink 27046	J. C. Brewer	George C. Brewer, Greenville, Ohio.
Millie Juetta 2d 16976	Nahum Green	Frank Cole & Son, Providence, R. I.
Minnie Bel 17383	Est. Myron C. Wick	P. W. Crawford, Columbiana, Ohio.
Imp. Min II. of the Messuries 28727	George W. Ott	Joseph Bringhurst, West Chester, Pa.
Miss of Round Hill 30780	J. B. Palmer	Charles R. Burhans, Windsor, Conn.
Natoma's Elwanda 33838	Natoma Farm	M. L. Wortman, Winfield, Kans.
Nelly Bly of Hop City L. 16596	G. B. Tallman	S. P. Johnson & Son, Frankfort, N. Y.
Violet's Speckle 27142	" "	" " " " "
Nicolette 17236	S. F. Cooper	S. L. Tone, Canonsburg, Pa.
Odette's Glenwood 24490	William M. Jones	Edward A. Walter, Walworth, Wis.
Imp. Petite of Les Pages 28264	F. G. Benham	Leon J. Delahaut, Green Bay, Wis.
Phicaletta 22003	Thompson & Burnett	Ray D. Lovelace, Rockford, Mich.
Princess Patricia of Village View 34013	E. M. Fitzmaurice	Louis Kleiber, Waukan, Wis.
Stella's Sunol Girl 29807	" "	" " " "
Imp. Princess Reed 14350	Walter B. Scarborough	Bayard Murray, Newark Del
Rex Ella 13900	Est. Mrs. F. A. Stevens	F. A. Stevens, Lake Elmo, Minn.
Rex Elmo 17321	" " "	" " " "
Rhoda of Annandale 27272	Moses Taylor	D. M. Goodrich, Mount Kisco, N. Y.
Rodna of Annandale 19361	" "	" " " "
Imp. Rose I. du Pont 27535	J. Gilbert Hickcox	W. J. Damerow, Shawano, Wis.
Rosland of Hidden View 24186	M. A. DeWitt	Walker Gordon Laboratory Co., Plainsboro, N. J.
Sally Lunn 30476	Albert A. Pope	Curtis & Knilans, Fort Atkinson, Wis.
Schnuckel 23617	Dr. David Roberts	Milton W. Showers, Mazomanie, Wis.
Imp. Seaview Rose 3d 33691	F. S. Peer	W. P. Bliss, Bernardsville, N. J.
Imp. Sequel's Lady 32074	F. B. Buckley	Irvin Buckley, Schaghticoke, N. Y.
Squire Jeweller's Belle 29649	D. S. Coombs	John Tyler, Salem, N. J.
Starlight of Rosendale 16260	Charles L. Hill	Otto H. Lieber, Indianapolis, Ind.
Susan Valentine 22199	F. Lothrop Ames	Robert Gould Shaw, 2d, Brookline, Mass.
Suwanee B. 17544	Est. Myron C. Wick	Theodore Suliot, Salem, Ohio.
Tokalon 2d 33911	B. F. Nutting	Milton B. Sisson, Almond, N Y.
Topsy Kruger 24222	A. J. Ruth	David O. McNutt, Jacobs Creek, Pa.
Winner's Dorothy Bay 33933	" "	" " " "
Topsy's Fern Wood 2d 29800	Wilcox & Stubbs	Frank Zabel, Western, Nebr.
Una of Willowdale 29304	C. L. Sisson	J. Gilbert Hickcox, Whitefish Bay, Wis.
Virginia of Portage 31367	Theodore Gloeckler	Andrew Dramdahl, Comstock, Wis.
Waukesha's Fontennelle 24489	William M. Jones	Otto H. Lieber, Indianapolis, Ind.
Yeksa Love Knot 23807	Mrs. W. L. Kyser	Ferd Groner, Hillsboro, Ore.